

**HYSTER COMPANY
SPED PRICE LIST
APPLICATIONS ENGINEERING DEPARTMENT**

**CLASS - V
SIT DOWN
COUNTERBALANCED
PNEUMATIC TIRE**

CLASS V – CONTENTS

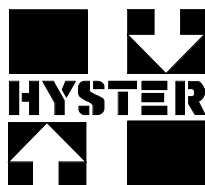
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EFFECTIVE: 08/01/01

CHALLENGER- 1

REPLACES: 07/16/01



HYSTER COMPANY **SPED PRICE LIST** **APPLICATIONS ENGINEERING DEPARTMENT**

H25,30,35,40XMS
SIT DOWN
COUNTERBALANCED
PNEUMATIC TIRE
SERIES CODE E001

*NOT ENGINEERED special items will INCREASE AVAILABILITY – See INTRODUCTION for complete details.

Description	Item No.	Price	Availability (In Weeks *)
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Challenger – Class V
E001 – H25, 30, 35, 40XMS

ACCUMULATOR

Note: Cowl mounted components may require restricted back tilt; contact SPED.

1-quart piston type.....	Q001-02	\$690.	16
Hydra Smooth 1 quart piston type.....	Q001-06	\$1,560.	16

ALTERNATOR

30-Amp output with Integral Regulator – brushes and bearings are sealed.

UL APPROVED. Standard on units with UL type GS, LPS, or DS option on order.

Requires Mazda gas or LP gas engine option on order.....	Q006-15	\$710.	10
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Requires Isuzu or Mazda diesel engine option on order.....	Q006-17	\$710.	10
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BELLY PAN

Acts as splashguard only – does not completely enclose underside of frame.

Includes cutouts for access to drain plugs SPED

CARRIAGE

See Introduction for Notes.

CARRIAGE-HOOK TYPE, VISTA 2-STAGE FULL FREE LIFT MAST

Width ITA	Class.				
48"	II	.....	Q465-03	\$2,400.	14

CARRIAGE-HOOK TYPE, VISTA 2-STAGE LIMITED FREE LIFT MAST

Width ITA	Class				
38.5"	II	.....	Q296-20	\$2,160.	14
42"	II	.....	Q296-21	\$2,280.	14
48"	II	.....	Q296-22	\$2,400.	14

CARRIAGE-HOOK TYPE, VISTA 3-STAGE FULL FREE LIFT MAST

Width ITA	Class				
42"	II	.....	Q467-02	\$2,280.	14
48"	II	.....	Q467-03	\$2,400.	14

COLD START AID

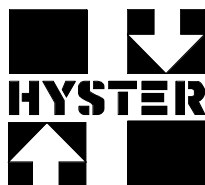
Engine block heater requires 110 Volt AC outlet	Q048-01	\$950.	15
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EFFECTIVE: 08/01/01a

CHALLENGER- 2

REPLACES: 07/16/01



HYSTER COMPANY SPED PRICE LIST APPLICATIONS ENGINEERING DEPARTMENT

**H25,30,35,40XMS
SIT DOWN
COUNTERBALANCED
PNEUMATIC TIRE
SERIES CODE E001**

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Description	Item No.	Price	Availability (In Weeks *)
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ELECTRIC ATTACHMENT GROUP

NOTES:

- A. Each electric attachment group special item listed:
1. does NOT include a SOLENOID valve. Solenoids are to be provided by the dealer or supplied as part of the attachment.
 2. is for FACTORY INSTALLATION only.
 3. requires a mast, applicable hydraulic control valve, applicable hose group and the special placard item on order.
 4. VOIDS UL APPROVAL.
- B. See Price List for 5 function option alternatives. For questions or other alternatives, contact SPED.

3 Auxiliary Function Attachment - All internal routing through mast. 2 functions lever actuated and 1 function controlled via solenoid actuation. Includes necessary electrical cable, 4 function hydraulic hoses, components required for internal routing of electrical cable, and operator control switching for actuation of solenoid.

Requires 4-function valve and 4-function hose group on order.Q074-05 \$1,420. 16

ENGINE AIR FILTER

Precleaner mounted on overhead guard. NOT AVAILABLE with Cab.

NOT AVAILABLE w/CARB Emissions Compliant Engine.....Q004-04 \$525. 14

NOTE: For Foundry Construction Item Q004-04 is included.

ENGINE SHUTDOWN SYSTEM

High water and transmission temperature, low oil pressure conditions. UL APPROVED.

Requires gas engineQ069-01 \$450. 8

Requires LP gas engineQ069-02 \$450. 8

Requires diesel engine.....Q069-03 \$450. 8

Seat actuated if operator does NOT set park brake. VOIDS UL APPROVAL.

Requires gas engineQ069-08 \$495 8

Requires LP gas engineQ069-09 \$495. 8

Requires diesel engine.....Q069-10 \$495. 8

Seat actuated if operator does NOT return the column mounted directional control

lever to the neutral position. Requires column lever options on order. VOIDS UL APPROVAL.

Requires gas engineQ069-11 \$650. 8

Requires LP gas engineQ069-12 \$650. 8

Requires diesel engine.....Q069-13 \$650. 8

ENGINE WARNING SYSTEM

High water temperature and low oil pressure conditions.

Includes warning light and buzzer – VOIDS UL APPROVALQ180-01 \$940. 10

EXHAUST SYSTEM

Catalytic muffler replaces standard or catalyst added in exhaust line.

VOIDS UL APPROVAL. Requires gas or LP gas engine on orderQ068-10 \$1,940. 16

VOIDS UL APPROVAL. Requires diesel engine on orderQ068-11 \$1,790. 16

FILTER

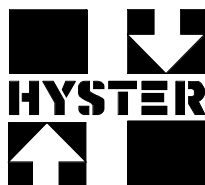
Hydraulic tank breather filter- - 10 micron filter replaces standardQ120-02 \$255 3

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EFFECTIVE: 08/01/01a

CHALLENGER- 3

REPLACES: 07/16/01



HYSTER COMPANY SPED PRICE LIST APPLICATIONS ENGINEERING DEPARTMENT

**H25,30,35,40XMS
SIT DOWN
COUNTERBALANCED
PNEUMATIC TIRE
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Description	Item No.	Price	Availability (In Weeks *)
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FIRE EXTINGUISHER

5 lb. dry chemical	Q080-01	\$255.	4
5 lb. CO ₂	Q080-02	\$520.	4

FORK

See Introduction for Notes.

FORK-HOOK TYPE, PALLET STYLE

Specify length in 2" increments on order.

ITA Class	Section	Length				
II	40mm x 100mm	32"-34"	.....	Q086-36	\$325. pr.	12
	(1.5" x 4")	38"-40"	.....	Q086-37	\$390. pr.	12
		44"-46"	.....	Q086-38	\$420. pr.	12
		50"-52"	.....	Q086-39	\$465. pr.	12

FORK-HOOK TYPE, POLISHED & TAPERED STYLE- FULL TOP TAPER

Specify length in 2" increments on order.

ITA Class	Section	Length			
II	40mm x 100 mm	30"	Q380-01	\$430. pr.	12
	(1.5"x 4")	32"-34"	Q380-02	\$455. pr.	12
		38"-40"	Q380-03	\$470. pr.	12
		44"-46"	Q380-04	\$495. pr.	12
		50"-54"	Q380-05	\$520. pr.	12
		56"-60"	Q380-06	\$540. pr.	12
		62"-72"	Q380-07	\$645. pr.	12

FORK-HOOK TYPE, POLISHED & TAPERED STYLE- FULL BOTTOM TAPER

Specify length in 2" increments on order.

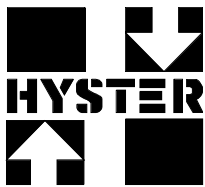
ITA Class	Section	Length			
II	40mm x 100 mm	30"	Q380-40	\$430. pr.	12
	(1.5"x 4")	32"-34"	Q380-41	\$455. pr.	12
		38"-40"	Q380-42	\$470. pr.	12
		44"-46"	Q380-43	\$495. pr.	12
		50"-54"	Q380-44	\$520. pr.	12
		56"-60"	Q380-45	\$540. pr.	12
		62"-72"	Q380-46	\$645. pr.	12

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EFFECTIVE: 08/01/01a

CHALLENGER- 4

REPLACES: 07/16/01



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Description	Item No.	Price	Availability (In Weeks *)
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FOUNDRY CONSTRUCTION

Foundry Package NOT AVAILABLE on units with CAB.

Includes:

- 10 micron hydraulic tank breather filter (see Filter)
- 30-amp alternator with sealed brushes and bearings with integral regulator (see Alternator)
- Includes Cyclopac type heavy duty air cleaner element

Options:

- Fire resistant hydraulic fluid (See Hydraulic Fluid)
- Magnetic drain plug in hydraulic tank to attract metal particles (Contact SPED)
- Engine air restriction indicator (see Indicator)

Package:

Requires Mazda gas or LP gas engine and UL type G or LP options NOT AVAILABLE w/CARB Emissions Compliant Engine	Q349-18	\$1,740.	14
Requires Mazda gas or LP gas engine and UL type GS or LPS options NOT AVAILABLE w/CARB Emissions Complaint Engine	Q349-19	\$1,420.	14
Requires diesel engine and UL type D options on order	Q349-22	\$1,990.	14
Requires diesel engine and UL type DS options on order	Q349-23	\$1,675.	14

FUEL SYSTEM

Note: CHANGES TO THE FUEL SYSTEM MAY RESULT IN VARIANCES TO PUBLISHED VALUES; CONTACT SPED IF CRITICAL.

Dual fuel – gas and LP gas. Includes production LP tank mounting bracket and LP fuel tank. Requires gas engine option on order.....	Q095-04	\$2,085.	18
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LPG hose-stainless steel wire braid. UL Approved. Requires LP gas engine option on order.....	Q095-03	\$225.	6
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FUEL TANK

LP gas tank – steel LP gas engine option on order. FACTORY NSTALLLED ONLY. 33.5# ICC tank	Q060-02	\$435	5
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GROUND STRAP (STATIC STRAP)

Prevents build up of static electricity on frame and steer axle	Q108-01	\$85.	2
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HYDRAULIC FITTING-QUICK DISCONNECT

Male and female hydraulic fittings and tubes to allow an attachment to be quickly disconnected from the hydraulic supply for removal. Includes complete quick disconnect fittings for each function. Not normally required for integrally mounted attachments. 4-function disconnect requires 4-function hose group and control valve on order.

Vista 2-Stage Limited Free Lift Mast

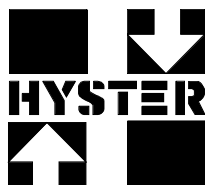
One pair disconnect -3 Function – High Termination 3 rd function at top right side of carriage Not compatible with sideshift	Q187-16	\$720.	14
-4 Function – High Termination 4 th function at top left side of carriage. 3 rd function used with sideshift.....	Q187-17	\$720.	14

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EFFECTIVE: 08/01/01a

CHALLENGER- 5

REPLACES: 07/16/01



HYSTER COMPANY SPED PRICE LIST APPLICATIONS ENGINEERING DEPARTMENT

**H25,30,35,40XMS
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Two pair disconnects -4 Function - High Termination 3 rd function at top right side and 4 th function at top left side of carriage. Not compatible with sideshift.	Q187-18	\$1,380.	14
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Vista 2-Stage Full Free Lift Mast

One pair disconnect -3 Function – High Termination 3 rd function at top right side of carriage Not compatible with sideshift	Q187-19	\$740.	14
-4 Function– High Termination 4 th function at top left side of carriage. 3 rd function used with sideshift.....	Q187-20	\$740.	14

Two pair disconnects -4 Function- High Termination 3 rd function at top right side and 4 th function at top left side of carriage. Not compatible with sideshift.	Q187-21	\$1,405.	14
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Vista 3-Stage Full Free Lift Mast

One pair disconnect -3 Function– High Termination 3 rd function at top right side of carriage Not compatible with sideshift	Q187-22	\$685.	14
-4 Function– High Termination 4 th function at top left side of carriage. 3 rd function used with sideshift.....	Q187-23	\$685.	14

Two pair disconnects -4 Function High Termination 3 rd function at top right side and 4 th function at top left side of carriage. Not compatible with sideshift.	Q187-24	\$990.	14
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Other Mast Styles or 5 function hose groups		SPED	
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HYDRAULIC FLUID

Fire Resistant – Houghtosafe 620. FACTORY INSTALLED.

CANNOT BE INSTALLED ON STOCK BASIC. Contact SPED for a quoted mast to replace the standard mast at no additional charge	Q140-01	\$2,880.	18
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HYDRAULIC PRESSURE REGULATOR

3-position with gauge - used to regulate the pressure in the hydraulic attachment clamping circuit.

1st & 2nd positions are 50-1000 psi and the 3rd position is 500-3000 psi.

Requires applicable control valve and hose group on order.....	Q203-01	\$2,700.	12
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LIGHT-HEAD

NOT AVAILABLE with Price List Light Options (consult Truck Price List for light options offered prior to quoting to a customer). UL APPROVED for all classifications. Maximum order quantity is 2 per truck.

Headlight – separate switch actuated	Q401-01	\$415.ea.	8
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LIGHT-STROBE

Continuous strobe, key switch actuated, UL APPROVED.

Overhead guard top mounted – increases truck height approximately 7".

Red.....	Q393-13	\$420.	12
Amber.....	Q393-14	\$420.	12

Mounted below overhead guard top.

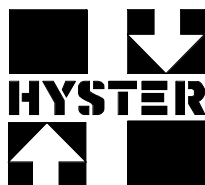
Red.....	Q393-15	\$420.	12
Amber.....	P.L.		

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EFFECTIVE: 08/01/01a

CHALLENGER- 6

REPLACES: 07/16/01



HYSTER COMPANY SPED PRICE LIST APPLICATIONS ENGINEERING DEPARTMENT

**H25,30,35,40XMS
SIT DOWN
COUNTERBALANCED
PNEUMATIC TIRE
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Description	Item No.	Price	Availability (In Weeks *)
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LINT/COTTON CONSTRUCTION

Features suggested for use in lint, cotton, paper, paper recycling or other fibrous materials applications. Contact SPED for assistance with feature selections for a particular application.

Package features:

- Insulated exhaust
- Sealed bearings in alternator
- Inching pedal modification
- Screened side panels and kickplate
- Booted electrical terminals
- Spark arresting exhaust

Requires UL Classification GS or LPS option on order.

Package factory installed; requires Open Core Radiator option on order.

NOT AVAILABLE on stock basics.....	Q130-01	\$3,600.	14
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LOAD BACKREST EXTENSION

See Introduction for Notes.

Carriage or Attachment Width	Height 36"	42"	48"	60"	
38.5"	Q166-11 \$465.	Q166-12 495.	P.L.	Q166-14 535.	14
42"	Q166-15 \$500.	Q166-16 515.	Q166-17 500.	Q166-18 570.	14
48"	Q166-19 \$535.	Q166-20 555.	Q166-21 530.	Q166-22 610.	14

LUBRICANT/COATING

Electrical terminals sprayed with waterproof plastic	Q145-01	\$325.	6
Unpainted parts coated with low temperature grease.....	Q145-02	\$325.	6
Lift chains saturated with low temperature grease			
Requires mast on order	Q145-03	\$325.	6

NAMEPLATE

Additional Nameplate FACTORY INSTALLED. Nameplates will be provided with one load center giving the rating at maximum fork height and the maximum possible rating at a lower fork height. For NOT INSTALLED nameplates, submit "DEALER REQUEST FOR NAMEPLATE" form.

Metric Values with English Values Referenced	Q198-03	\$75 net	4
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MIRROR

Price list cab options do not include this mirror.

Rearview mirror. NOT intended for reverse driving.	Q177-01	\$180.	8
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OVERHEAD GUARD

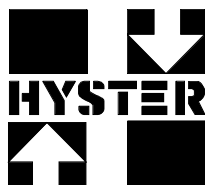
Wire mesh added to top increases height approximately 3/8"	Q153-01	\$675.	10
Order for standard or special overhead guard.			

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EFFECTIVE: 08/01/01a

CHALLENGER- 7

REPLACES: 07/16/01



HYSTER COMPANY **SPED PRICE LIST** **APPLICATIONS ENGINEERING DEPARTMENT**

H25,30,35,40XMS
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PNEUMATIC TIRE
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Description	Item No.	Price	Availability (In Weeks *)
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OVERHEAD GUARD-LOWERED

OSHA recommended operator clearance from depressed seat to underside of overhead guard is 39" minimum. Low profile seat is recommended. NOT AVAILABLE with semi-suspension seats.

Contact SPED with specific overall height needed.

Note: (+/- 0.75") tolerance for Overall Height (OAH).

OVERHEAD GUARD-RAISED

Contact SPED with specific overall height needed.

Note: (+/- 0.75") tolerance for Overall Height (OAH)

SEAT

Fabric covered non-suspension seat replacing vinyl covered non-suspension seat.

Includes seat adjustment and operator restraints.

Not recommended for outdoor applications without a cab.

Requires Non-Suspension seat option on order.	Q252-01	\$75.	12
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SEAT-LOW PROFILE

Low profile seat replacing standard seat increases operator head clearance approximately 1".

Requires non-suspension seat option on order.

Vinyl covering	Q397-02	\$1,020.	12
Fabric covering	Q397-03	\$1,020.	12

SEAT-SUSPENSION

Semi-Suspension – Vinyl	Q065-01	\$575.	12
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Semi-Suspension – Cloth	Q065-02	\$625.	12
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TIRES

See Introduction for Notes.

TIRE-DRIVE

Pneumatic Shaped Solid Drive-Monarch 6.5 x 10.....	Q111-04	\$1,500. pr.	10
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TIRE-STEER

Pneumatic Shaped Solid Steer-Monarch Mono-Matic. 5.00 x 8.....	Q270-01	\$870. pr	10
Mono-Matic Soft Shoe (White Label) 5.00 x 8.....	Q270-04	\$925. pr.	10

TRANSMISSION

Auxiliary transmission oil cooler.	Q297-03	\$1,028.	12
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TREAD

Standard Tread with Hi-Lift Mast and Reduced Capacity Acceptance

Allows the use of Standard Tread in conjunction with Hi-Lift Mast. The Dealer and Customer understand that there will be a reduction in the capacity of the truck. Dealers should contact Applications Engineering for specific capacity ratings.

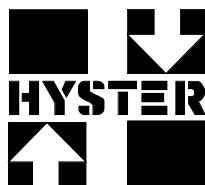
Q206-98	\$0.	Prod.
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CHALLENGER- 8

REPLACES: 07/16/01



HYSTER COMPANY SPED PRICE LIST APPLICATIONS ENGINEERING DEPARTMENT

**H45,50,55,60,65XM
SIT DOWN
COUNTERBALANCED
PNEUMATIC TIRE
SERIES CODE H177**

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Description	Item No.	Price	Availability (In Weeks *)
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H177 – H45, 50, 55, 60, 65XM

ACCUMULATOR

Note: Cowl mounted components may require restricted back tilt, contact SPED.

Parker 1-quart piston type	Q001-02	\$690.	16
Hydra Smooth 1-quart piston type	Q001-06	\$1,560.	16

ALTERNATOR - SEALED

45 Amp output with Integral Regulator – brushes and bearings are sealed.

UL APPROVED. Standard on units with UL type GS, LPS, or DS option on order.

Requires Mazda gas or LP gas engine option on order.....	Q006-15	\$925.	10
Requires GM gas or LP gas engine option on order.....	Q006-16	\$600.	10
Requires Isuzu or Mazda diesel engine option on order.....	Q006-17	\$710.	10

BELLY PAN

Acts as splashguard only – does not completely enclose underside of frame.

Includes cutouts for access to drain plugs	Q026-01	\$225.	6
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CARRIAGE

See Introduction for Notes.

CARRIAGE-HOOK TYPE, VISTA 2-STAGE FULL FREE LIFT MAST

Width	ITA Class	Forks Ref.				
48"	II	P.L.	H45-55XM	Q465-03	\$2,000.	14
48"	III	P.L.	H60-65XM	Q465-07	\$2,000.	14

CARRIAGE-HOOK TYPE, VISTA 2-STAGE LIMITED FREE LIFT MAST

Width	ITA Class	Forks Ref.				
48"	II	P.L.	H45-55XM	Q296-22	\$2,000.	14
48"	III	P.L.	H60-65XM	Q296-31	\$2,000.	14

CARRIAGE-HOOK TYPE, VISTA 3-STAGE FULL FREE LIFT MAST

Width	ITA Class	Forks Ref.				
48"	II	P.L.	H45-55XM	Q467-03	\$2,000.	14
48"	III	P.L.	H60-65XM	Q467-08	\$2,000.	14
54"	III	P.L.	H60-65XM	Q467-09	\$2,100.	14
60"	III	P.L.	H60-65XM	Q467-10	\$2,300.	14

COLD START AID

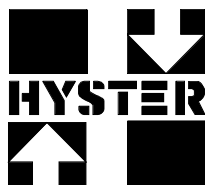
Engine block heater requires 110 Volt AC outlet	Q048-01	\$950.	15
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EFFECTIVE: 11/01/01

CHALLENGER- 9

REPLACES: 08/01/01



**HYSTER COMPANY
SPED PRICE LIST
APPLICATIONS ENGINEERING DEPARTMENT**

**H45,50,55,60,65XM
SIT DOWN
COUNTERBALANCED
PNEUMATIC TIRE
SERIES CODE H177**

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Description	Item No.	Price	Availability (In Weeks *)
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ELECTRIC ATTACHMENT GROUP

NOTES:

- Each electric attachment group special item listed:
 - does NOT include a SOLENOID valve. Solenoids are to be provided by the dealer or supplied as part of the attachment.
 - is for FACTORY INSTALLATION only.
 - requires a mast, applicable hydraulic control valve, applicable hose group and the special placard item on order.
 - VOIDS UL APPROVAL.
- See Price List for 5 function option alternatives. For questions or other alternatives, contact SPED.

3 Auxiliary Function Attachment - All internal routing through mast. 2 functions lever actuated and 1 function controlled via solenoid actuation. Includes necessary electrical cable, 4 function hydraulic hoses, components required for internal routing of electrical cable, and operator control switching for actuation of solenoid.

Requires 4-function valve and 4-function hose group on order.Q074-05 \$1,420. 16

ENGINE AIR FILTER

Precleaner mounted on overhead guard. NOT AVAILABLE with Cab.

NOT AVAILABLE w/CARB Emissions Compliant Engine.....Q004-04 \$550. 10

NOTE: For Foundry Construction Item Q004-04 is included.

Precleaner mounted on overhead guard. Compatible with Production Cab

NOT AVAILABLE w/CARB Emissions Compliant Engine.....Q004-06 \$1,300. 16

ENGINE SHUTDOWN SYSTEM

High water temperature, low oil pressure conditions and high transmission temperature.

UL APPROVED.

Requires gas engineQ069-01 \$550. 10

Requires LP gas engineQ069-02 \$550. 10

Requires diesel engine.....Q069-03 \$550. 10

Seat actuated if operator does NOT set park brake. VOIDS UL APPROVAL.

Requires gas engineQ069-08 \$495. 8

Requires LP gas engineQ069-09 \$495. 8

Requires diesel engine.....Q069-10 \$495. 8

Seat actuated if operator does NOT return the column mounted directional control lever to the neutral position Requires powershift transmission and column lever options on order. VOIDS UL APPROVAL.

Requires gas engineQ069-11 \$650. 8

Requires LP gas engineQ069-12 \$650. 8

Requires diesel engine.....Q069-13 \$650. 8

ENGINE WARNING SYSTEM

High water temperature and low oil pressure conditions.

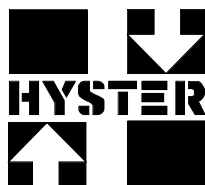
Includes warning light and buzzer – VOIDS UL APPROVALQ180-01 \$780 10

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EFFECTIVE: 11/01/01

CHALLENGER- 10

REPLACES: 08/01/01



HYSTER COMPANY **SPED PRICE LIST** **APPLICATIONS ENGINEERING DEPARTMENT**

H45,50,55,60,65XM
SIT DOWN
COUNTERBALANCED
PNEUMATIC TIRE
SERIES CODE H177

*NOT ENGINEERED special items will INCREASE AVAILABILITY – See INTRODUCTION for complete details.

Description	Item No.	Price	Availability (In Weeks *)
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EXHAUST SYSTEM

Catalytic muffler replaces standard or catalyst added in exhaust line.

VOIDS UL APPROVAL. Requires gas or LP gas engine on order	Q068-10	\$1,800.	16
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VOIDS UL APPROVAL. Requires diesel engine on order	Q068-11	\$1,200.	16
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FILTER

Hydraulic tank breather filter - 10 micron filter replaces standard.....	Q120-02	\$210	3
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FIRE EXTINGUISHER

5 lb. dry chemical	Q080-01	\$350.	4
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5 lb. CO ₂	Q080-02	\$520.	4
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FORK

See Introduction for Notes.

FORK-HOOK TYPE, PALLET STYLE

Specify length in 2" increments on order.

ITA Class	Section	Length				
II	40mm x 125mm	38"-40"	H45-55XM	Q086-41	\$600. pr.	12
		44"-46"	H45-55XM	Q086-42	\$650. pr.	12
		50"-52"	H45-55XM	Q086-43	\$690. pr.	12
		56"-58"	H45-55XM	Q086-44	\$720. pr.	12
III	50mm x 125mm (2" X 5")	38"-40"	H60-65XM	Q086-19	\$660. pr.	12
		44"-46"	H60-65XM	Q086-20	\$690. pr.	12
		50"-52"	H60-65XM	Q086-21	\$740. pr.	12
		54"	H60-65XM	Q086-53	\$760. pr.	12
		56"-58"	H60-65XM	Q086-22	\$780. pr.	12
		62"-70"	H60-65XM	Q086-23	\$920. pr.	12
		72"	H60-65XM	Q086-54	\$940. pr.	12

FORK-HOOK TYPE, POLISHED & TAPERED STYLE

Specify length in 2" increments on order.

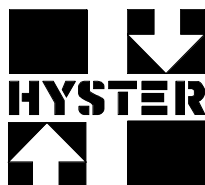
ITA Class	Section	Length				
II	40mm x 125mm (1.5"x 5")	30"	H45-55XM	Q380-08	\$750. pr.	12
		32"-34"	H45-55XM	Q380-09	\$780. pr.	12
		38"-40"	H45-55XM	Q380-10	\$840. pr.	12
		42"	H45-55XM	Q380-47	\$860. pr.	12
		44"-46"	H45-55XM	Q380-11	\$880. pr.	12
		50"-54"	H45-55XM	Q380-12	\$930. pr.	12
		56"-60"	H45-55XM	Q380-13	\$1,020. pr.	12
		62"-72"	H45-55XM	Q380-14	\$1,250. pr.	12
III	50mm x 125mm (2" x 5")	36"	H60-65XM	Q380-21	\$740. pr.	12
		38" – 40"	H60-65XM	Q380-22	\$780. pr.	12
		42"	H60-65XM	Q380-48	\$825. pr.	12
		44" – 48"	H60-65XM	Q380-23	\$840. pr.	12
		50" – 54"	H60-65XM	Q380-24	\$900. pr.	12
		56" – 60"	H60-65XM	Q380-25	\$960. pr.	12
		62" – 72"	H60-65XM	Q380-26	\$1,160. pr.	12

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EFFECTIVE: 11/01/01

CHALLENGER- 11

REPLACES: 08/01/01



HYSTER COMPANY SPED PRICE LIST APPLICATIONS ENGINEERING DEPARTMENT

**H45,50,55,60,65XM
SIT DOWN
COUNTERBALANCED
PNEUMATIC TIRE
SERIES CODE H177**

*NOT ENGINEERED special items will INCREASE AVAILABILITY – See INTRODUCTION for complete details.

Description	Item No.	Price	Availability (In Weeks *)
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FORK-HOOK TYPE, WOOD PRODUCT STYLE

Specify length in 2" increments on order.

Unit	ITA Class	Section	Length			
H60-65XM	III	45mm x 180mm (1.75"x 7")	36"-40"	.....	Q064-01	\$1,040. pr. 12
			42"	.....	P.L.	
			44"-46"	.....	Q064-02	\$1,150. pr. 12
			47.5"	.....	P.L.	
			50"-52"	.....	Q064-03	\$1,240. pr. 12
			54"	.....	P.L.	

FOUNDRY CONSTRUCTION

Foundry Package NOT AVAILABLE on units with CAB.

Includes:

- 10 micron hydraulic tank breather filter (see Filter)
- 30-amp alternator with sealed brushes and bearings with integral regulator (see Alternator)
- Overhead mounted precleaner for engine air cleaner. Includes Cyclopac type heavy-duty air cleaner element.

Options:

- Fire resistant hydraulic fluid (See Hydraulic Fluid)
- Magnetic drain plug in hydraulic tank to attract metal particles (Contact SPED)
- Engine air restriction indicator (see Indicator)

Package:

Requires Mazda gas or LP gas engine and UL type G or LP options		
NOT AVAILABLE w/CARB Emissions Compliant Engine	Q349-18	\$1,500. 14
Requires Mazda gas or LP gas engine and UL type GS or LPS options		
NOT AVAILABLE w/CARB Emissions Compliant Engine	Q349-19	\$1,400. 14
Requires GM gas or LP gas engine and UL type G or LP options	Q349-20	\$1,985. 14
Requires GM gas or LP gas engine and UL type GS or LPS options ..	Q349-21	\$1,500. 14
Requires Diesel engine and UL type D options on order	Q349-22	\$2,330. 14
Requires Diesel engine and UL type DS options on order	Q349-23	\$1,700. 14

FUEL SYSTEM

Note: CHANGES TO THE FUEL SYSTEM MAY RESULT IN VARIANCES TO PUBLISHED VALUES; CONTACT SPED IF CRITICAL.

Dual fuel – gas and LP gas. Includes production LP tank mounting bracket and LP fuel tank. Requires gas engine option on order.

NOT AVAILABLE with UL type GS option. Voids UL APPROVAL.

Requires Mazda Gas option.....	Q095-05	\$1,925. 10
Requires GM Gas option.....	Q095-06	\$2,150 10

FUEL TANK

LP gas tank – steel. Requires LP gas engine option on order.
FACTORY INSTALLED ONLY.

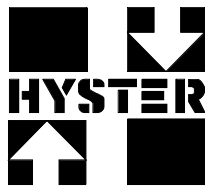
33.5# ICC tank	Q060-02	\$360 6
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EFFECTIVE: 11/01/01

CHALLENGER- 12

REPLACES: 08/01/01



HYSTER COMPANY SPED PRICE LIST APPLICATIONS ENGINEERING DEPARTMENT

H45,50,55,60,65XM
SIT DOWN
COUNTERBALANCED
PNEUMATIC TIRE
SERIES CODE H177

*NOT ENGINEERED special items will INCREASE AVAILABILITY – See INTRODUCTION for complete details.

Description	Item No.	Price	Availability (In Weeks *)
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GROUND STRAP (STATIC STRAP)

Prevents build up of static electricity on frame and steer axle	Q108-01	\$85.	2
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HYDRAULIC FITTING-QUICK DISCONNECT

Male and female hydraulic fittings and tubes to allow an attachment to be quickly disconnected from the hydraulic supply for removal. Includes complete quick disconnect fittings for each function. Not normally required for integrally mounted attachments. 4-function disconnect requires 4-function hose group and control valve on order.

Vista 2-Stage Limited Free Lift Mast

One pair disconnect	-3 Function – High Termination 3 rd function at top right side of carriage Not compatible with sideshift	Q187-16	\$600.	14
	-4 Function – High Termination 4 th function at top left side of carriage. 3 rd function used with sideshift.....	Q187-17	\$600.	14
Two pair disconnects	-4 Function - High Termination 3 rd function at top right side and 4 th function at top left side of carriage. Not compatible with sideshift.	Q187-18	\$1,150.	14

Vista 2-Stage Full Free Lift Mast

One pair disconnect	-3 Function – High Termination 3 rd function at top right side of carriage Not compatible with sideshift	Q187-19	\$615.	14
	-4 Function– High Termination 4 th function at top left side of carriage. 3 rd function used with sideshift.....	Q187-20	\$615.	14
Two pair disconnects	-4 Function- High Termination 3 rd function at top right side and 4 th function at top left side of carriage. Not compatible with sideshift.	Q187-21	\$1,170.	14

Vista 3-Stage Full Free Lift Mast

One pair disconnect	-3 Function– High Termination 3 rd function at top right side of carriage Not compatible with sideshift	Q187-22	\$570.	14
	-4 Function– High Termination 4 th function at top left side of carriage. 3 rd function used with sideshift	Q187-23	\$570	
	4 th function at top left side of carriage. Not compatible with sideshift.	Q187-24	\$825.	14

HYDRAULIC FLUID

Fire Resistant Houghtosafe 620 - FACTORY INSTALLED. CANNOT BE INSTALLED ON STOCK BASIC.

All internal combustion units require a powershift transmission option on order	Q140-01	\$2,880.
.....	18	

HYDRAULIC PRESSURE REGULATOR

3-position with gauge - used to regulate the pressure in the hydraulic attachment clamping circuit.

1st & 2nd positions are 50-1000 psi and the 3rd position is 500-3000 psi.

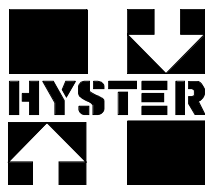
Requires applicable control valve and hose group on order.....	Q203-01	\$1,750	12
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EFFECTIVE: 11/01/01

CHALLENGER- 13

REPLACES: 08/01/01



HYSTER COMPANY SPED PRICE LIST APPLICATIONS ENGINEERING DEPARTMENT

**H45,50,55,60,65XM
SIT DOWN
COUNTERBALANCED
PNEUMATIC TIRE
SERIES CODE H177**

*NOT ENGINEERED special items will INCREASE AVAILABILITY – See INTRODUCTION for complete details.

Description	Item No.	Price	Availability (In Weeks *)
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LIFTING EYES

Installed	Q163-07	\$825.	10
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(Contact Applications Engineering for details of lifting eye placement, sling lengths and/or spreader bar requirements.)

LIGHT-HEAD

NOT AVAILABLE with Price List light options
(consult Truck Price List for light options offered prior to quoting to a customer).

UL APPROVED for all classifications. Maximum order quantity is 2 per truck.

Headlight – separate switch actuated	Q401-01	\$270. ea.	8
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LIGHT-STROBE

Continuous strobe, key switch actuated, UL APPROVED.

Overhead guard top mounted – increases truck height approximately 7".

Red.....	Q393-13	\$500.	12
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Amber.....	Q393-14		
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Mounted below overhead guard top.

Red.....	Q393-15	\$500.	12
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Amber.....	P.L.		
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LIGHT-TURN SIGNAL

Turn Signals (2) Rear (includes 2 Stop/Tail Lights) UL Approved	Q404-05	\$215.	8
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LINT/COTTON CONSTRUCTION

Features suggested for use in lint, cotton, paper, paper recycling or other fibrous materials applications. Contact SPED for assistance with feature selections for a particular application.

Package features:

- Insulated exhaust
- Inching pedal modification
- Screened side panels and kickplate
- Sealed Alternator (Included with GS, LPS or DS)
- Spark Proof Muffler (Included with GS, LPS or DS)
- Booted Wire Terminals (Included with GS, LPS or DS)
- Battery Cut-off Switch (Included with GS, LPS or DS)

Requires UL Classification GS, LPS or DS (PL option 056-02 or 056-03) on order.

Package factory installed. NOT AVAILABLE on stock basics.	Q130-01	\$1,370.	14
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LOAD BACKREST EXTENSION

See Introduction for Notes

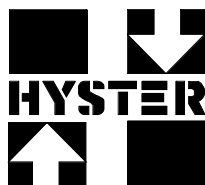
Carriage or		Height			
Attachment Width	36"	42"	48"	60"	
42"	Q166-15 \$415.	Q166-16 425.	P.L.	Q166-18 475.	14
48"	Q166-19 \$445.	Q166-20 460.	P.L.	Q166-22 505.	14
54"	Q166-23 \$475.	Q166-24 485.	Q166-25 470.	Q166-26 535.	14

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EFFECTIVE: 11/01/01

CHALLENGER- 14

REPLACES: 08/01/01



HYSTER COMPANY SPED PRICE LIST APPLICATIONS ENGINEERING DEPARTMENT

**H45,50,55,60,65XM
SIT DOWN
COUNTERBALANCED
PNEUMATIC TIRE
SERIES CODE H177**

*NOT ENGINEERED special items will INCREASE AVAILABILITY – See INTRODUCTION for complete details.

Description	Item No.				Price	Availability (In Weeks *)
60"	Q166-27	Q166-28	Q166-29	Q166-30		14
	\$505.	515.	500.	565.		

LUBRICANT/COATING

Electrical terminals sprayed with waterproof plastic	Q145-01	\$270.	6
Unpainted parts coated with low temperature grease.....	Q145-02	\$270.	6
Lift chains saturated with low temperature grease			
Requires mast on order	Q145-03	\$270.	6

NAMEPLATE

Additional Nameplate FACTORY INSTALLED. Nameplates will be provided with one load center giving the rating at maximum fork height and the maximum possible rating at a lower fork height. For NOT INSTALLED nameplates, submit "DEALER REQUEST FOR NAMEPLATE" form.

Metric Values with English Values Referenced	Q198-03	\$75 net	4
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MIRROR

Rearview mirror. NOT intended for reverse driving.	Q177-01	\$150.	8
Price list cab options do not include this mirror.			

OVERHEAD GUARD

Wire mesh added to top increases height approximately 3/8"	Q153-01	\$560.	10
Order for standard or special overhead guard.			

OVERHEAD GUARD-LOWERED/RAISED

OSHA recommended operator clearance from depressed seat to underside of overhead guard is 39" minimum.

(Note: OAH tolerance = +/-0.75")

Contact SPED with specific overall height (OAH).

SEAT-LOW PROFILE

Low profile seat replacing standard seat increases operator head clearance approximately 1".

Requires non-suspension seat option on order.

Vinyl covering	Q397-02	\$975.	12
Fabric covering	Q397-03	\$975.	12

SEAT-SEMI-SUSPENSION

Hyster style semi-suspension seat replacing standard seat. Reduces operator head clearance approximately ½".

Standard (raised) overhead guard is recommended to compensate for the operator head clearance reduction.

Consult Technical Guide for head clearance information. OSHA recommended operator head clearance, from depressed seat to underside of overhead guard, is 39" minimum.

Includes seat adjustment and operator restraints. Requires Non-Suspension Seat option referenced on order.

Vinyl Covered Seat	Q065-01	\$575.	8
Fabric Covered Seat	Q065-02	\$695.	8

TIRES

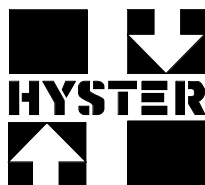
See Introduction for Notes.

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EFFECTIVE: 11/01/01

CHALLENGER- 15

REPLACES: 08/01/01



HYSTER COMPANY SPED PRICE LIST APPLICATIONS ENGINEERING DEPARTMENT

**H45,50,55,60,65XM
SIT DOWN
COUNTERBALANCED
PNEUMATIC TIRE
SERIES CODE H177**

*NOT ENGINEERED special items will INCREASE AVAILABILITY – See INTRODUCTION for complete details.

Description	Item No.	Price	Availability (In Weeks *)
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TIRE-DRIVE

Michelin XZM Radial Single Drive Tires

H45-50XM – 7.00R12	Q103-01	\$800. pr.	10
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H55-65XM – 225/75R15	Q103-02*	\$950. pr.	10
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*Contact Applications Engineering for specific capacities.

Pneumatic Shaped Solid Drive-Monarch

H45-50XM – 28 x 9-15	Q111-11	\$1,955. pr.	10
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H55-65XM – 28 x 9-15	Q111-12	\$1,840. pr.	10
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Pneumatic Shaped Solid Drive, Non-Marking – Monarch
(Includes Static Strap)

H45-50XM – 7 x 12 Non-Marking.....	Q319-11	\$1,080. pr.	18
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H55-65XM – 28 x 9-15 Non-Marking	Q319-12	\$1,280. pr.	18
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TIRE-DUAL DRIVE

Michelin XZM Radial Dual Drive Tires (set of 4). Requires dual drive tire option on order.

H45-65XM – 7.00R12.....	Q162-01	\$1,590. set	12
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TIRE-STEER

Michelin XZM Radial Steer Tires

H45-50XM – 6.00R9	Q268-01	\$575. pr.	10
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H55-65XM – 6.50R10	Q268-02	\$670. pr.	10
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Pneumatic Shaped Solid Steer-Monarch

Mono-Matic Soft Shoe (White Label)

H45-50XM = 6.00x 9	Q270-05	\$1,000. pr.	10
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H55-65XM – 6.50 x 10	Q270-08	\$1,020. pr.	10
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Pneumatic Shaped Solid Steer, Non-Marking – Monarch

H45-50XM – 6.00 x 9 Non-Marking.....	Q270-10	\$650. pr.	10
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H55-65XM – 6.50 x 10 Non-Marking.....	Q270-11	\$800. pr.	10
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TRANSMISSION

Auxiliary transmission oil cooler.

Requires powershift transmission option on order	Q297-03	\$695.	10
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TRACTION SPEED LIMIT

Engine governed at reduced level to limit travel speed and reduce noise levels. Maximum engine RPM will be governed to reduced level by replacing standard electronic governor with special governor.

Maximum travel, lift, and attachment speeds will be reduced from published specifications shown in technical guides. Requires GM engine option on order.

2500 RPM maximum	SPED
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WARNING SYSTEM

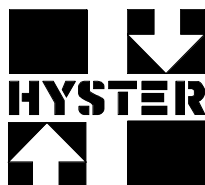
BACKUP ALARM	P.L.
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EFFECTIVE: 11/01/01

CHALLENGER- 16

REPLACES: 08/01/01



HYSTER COMPANY SPED PRICE LIST APPLICATIONS ENGINEERING DEPARTMENT

**H70, 80XM, 90XMS
100, 110, 120XM
SIT DOWN COUNTERBALANCED
PNEUMATIC TIRE
SERIES CODE K005**

*NOT ENGINEERED special items will INCREASE AVAILABILITY – See INTRODUCTION for complete details.

Description	Item No.	Price	Availability (In Weeks *)
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K005 – H70, 80XM, 90XMS, 100, 110, 120XM

ACCUMULATOR

Note: Cowl mounted components may require restricted back tilt, contact SPED.

Parker 1-quart piston type	Q001-02	\$600.	16
Parker 2-quart piston type	Q001-03	\$1,400.	16
Parker 4-quart piston type (H100-120XM only)	Q001-05	\$1,730.	16
Hydra Smooth 1 quart piston type	P.L.		
Hydra Smooth 2 quart piston type	Q001-07	\$1,975.	16

ALTERNATOR

45 Amp output with integral regulator – brushes and bearings are sealed.

UL APPROVED. Standard on units with UL type GS, LPS, or DS option on order.

Requires GM gas or LP gas engine option on order	Q006-16	\$525.	10
Requires Perkins diesel engine option on order	Q006-18	\$510.	10

ATTACHMENT-BLOCK HANDLER

Single Sideshift, Pin Type, Integral – (See ATTACHMENT-SIDEShift, PIN TYPE; LOAD BACKREST EXTENSION; FORK SPACER GROUP and FORK-PIN BLOCK)

ATTACHMENT-SIDEShift, PIN TYPE

NOTE: All sideshifts listed require 3-function valve and 3-function hose group. These options convert P.L. Hook Type Integral Sideshift to Pin Type Sideshift.

Requires Hook Type Sideshift option on order. Requires special Load Backrest (see LOAD BACKREST EXTENSION; if no load backrest is required, order option 162-99). Requires special PIN Type Forks (see FORK-PIN TYPE if factory installed).

Minimum fork spacing is 2" inside on all pin sideshifts listed. Maximum outside fork dimension is 47.5" on 50" sideshift, 53.5" on 56" sideshift and 59.5" on 62" sideshift. See FORK SPACER GROUP to convert sideshift for use with Block Forks.

Units	Mast	Width	LBR Ref.	Forks Ref.		Price	Availability
H70-90XMS	Vista 2-Stage LFL	50"	Special	Special	 Q258-24	\$3385.	16
	Vista 2-Stage LFL	62"	Special	Special	 Q258-25	\$3540.	16
	Vista 2-Stage FFL	50"	Special	Special	 Q258-43	\$3385.	16
	Vista 2-Stage FFL	62"	Special	Special	 Q258-44	\$3540.	16
	Vista 3-Stage LFL	50"	Special	Special	 Q258-26	\$3385.	16
	Vista 3-Stage LFL	62"	Special	Special	 Q258-27	\$3540.	16
H100-120XM	Vista 2-Stage LFL	56"	Special	Special	 Q258-29	\$3595.	16
	Vista 2-Stage LFL	62"	Special	Special	 Q258-30	\$3755.	16
	Vista 2-Stage FFL	56"	Special	Special	 Q258-45	\$3595.	16
	Vista 2-Stage FFL	62"	Special	Special	 Q258-46	\$3755.	16
	Vista 3-Stage FFL	56"	Special	Special	 Q258-33	\$3595.	16
	Vista 3-Stage FFL	62"	Special	Special	 Q258-34	\$3755.	16

BELLY PAN

Acts as splashguard only – does not completely enclose underside of frame.

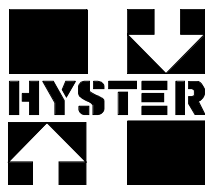
Includes cutouts for access to drain plugs	Q026-01	\$1,075.	12
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EFFECTIVE: 08/01/01

CHALLENGER- 17

REPLACES: 07/16/01



HYSTER COMPANY **SPED PRICE LIST** **APPLICATIONS ENGINEERING DEPARTMENT**

H70, 80XM, 90XMS
100, 110, 120XM
SIT DOWN COUNTERBALANCED
PNEUMATIC TIRE
SERIES CODE K005

*NOT ENGINEERED special items will INCREASE AVAILABILITY – See INTRODUCTION for complete details.

Description	Item No.	Price	Availability (In Weeks *)
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BRAKES

Mico Accumlock - supplements existing brake system. Acts as a holding device for truck until control lever on instrument panel is manually turned off and brake pedal is tapped lightly. Includes low-pressure warning light.

VOIDS UL APPROVAL	Q003-07	\$725.	14
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CARRIAGE-PIN TYPE VISTA 2-STAGE LFL

Requires "no carriage" option. Requires "no load backrest" option if special LBR option is not applicable.

Units	Width	Fork Spacing	LBR	Forks			
H70-90XMS	50"	2" in – 47.5" out	Special	Special	Q340-10	\$2,640	16
	62"	2" in – 59.5" out	Special	Special	Q340-11	\$2,970	16
H100-120XM	56"	2" in – 53.5" out	Special	Special	Q340-12	\$2,940	16
	62"	2" in – 59.5" out	Special	Special	Q340-13	\$3,120	16

CARRIAGE-PIN TYPE VISTA 2-STAGE FFL

Requires "no carriage" option. Requires "no load backrest" option if special LBR option is not applicable.

Units	Width	Fork Spacing	LBR	Forks			
H70-90XMS	50"	2" in – 47.5" out	Special	Special	Q475-12	\$2,640	16
	62"	2" in – 59.5" out	Special	Special	Q475-13	\$2,970	16
H100-120XM	56"	2" in – 53.5" out	Special	Special	Q475-14	\$2,940	16
	62"	2" in – 59.5" out	Special	Special	Q475-15	\$3,120	16

CARRIAGE-PIN TYPE VISTA 3STAGE FFL

Requires "no carriage" option. Requires "no load backrest" option if special LBR option is not applicable.

Units	Width	Fork Spacing	LBR	Forks			
H70-90XMS	50"	2" in – 47.5" out	Special	Special	Q477-15	\$2,640	16
	62"	2" in – 59.5" out	Special	Special	Q477-16	\$2,970	16
H100-120XM	56"	2" in – 53.5" out	Special	Special	Q475-17	\$2,940	16
	62"	2" in – 59.5" out	Special	Special	Q475-18	\$3,120	16

COLD START AID

Note: Glow Plug is standard with Diesel Engine option.

Ether start requires diesel engine option on order. VOIDS UL APPROVAL.

Engine block heater requires 110 Volt AC outlet	Q048-01	\$790.	15	6
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COOLING SYSTEM

Radiator cap – LEV-R-VENT manual pressure relief type.

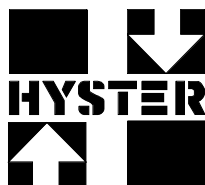
Factory installed	Q236-01	\$45.	2
Field installed P/N 1312753		Parts	

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EFFECTIVE: 08/01/01

CHALLENGER- 18

REPLACES: 07/16/01



HYSTER COMPANY SPED PRICE LIST APPLICATIONS ENGINEERING DEPARTMENT

**H70, 80XM, 90XMS
100, 110, 120XM
SIT DOWN COUNTERBALANCED
PNEUMATIC TIRE
SERIES CODE K005**

*NOT ENGINEERED special items will INCREASE AVAILABILITY – See INTRODUCTION for complete details.

Description	Item No.	Price	Availability (In Weeks *)
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ELECTRIC ATTACHMENT GROUP

NOTES:

Each electric attachment group special item listed:

1. Does NOT include a SOLENOID valve. Solenoids are to be provided by the dealer or supplied as part of the attachment.
2. Is for FACTORY INSTALLATION only.
3. Requires a mast, applicable hydraulic control valve, applicable hose group and the special placard item on order.
4. VOIDS UL APPROVAL.

3 Auxiliary Function Attachment – SPED

Placard - auxiliary functions. Order to include complete attachment description with hydraulic and electrical functions identified.

Requires special electric attachment group item on order.....	Q074-04	N/C.	16
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ELECTRIC CIRCUIT BREAKER

Circuit breakers replace fuses. VOIDS UL APPROVAL	Q041-01	\$370.	12
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ENGINE

Severe Duty Engine-GM 4.3L LT – LPG only. For applications where multiple shifts are required with little to no cool down period for lift trucks.

Requires GM LPG engine option on order.....	Q063-01	\$550.	12
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ENGINE SHUTDOWN SYSTEM

Seat actuated if operator does NOT set park brake. VOIDS UL APPROVAL.

Requires gas engine or dual fuel system	Q069-08	\$700	8
Requires LP gas engine	Q069-09	\$700.	8
Requires diesel engine.....	Q069-10	\$955.	8

Seat actuated if operator does NOT return the column mounted directional control lever to the neutral position. Requires powershift transmission and column lever options on order. VOIDS UL APPROVAL.

Requires gas engine or dual fuel system	Q069-11	\$935.	8
Requires LP gas engine	Q069-12	\$935.	8
Requires diesel engine.....	Q069-13	\$935.	8

EXHAUST SYSTEM

2-Way Catalytic open loop, requires LPG engine on order.....	P.L.		
2-Way Catalytic open loop, requires Diesel engine on order.....	SPED		
3-Way Catalytic closed loop, requires LPG engine on order	SPED		

FILTER

Brake master cylinder breather filter.

Automotive type sealed internally with rubber diaphragm

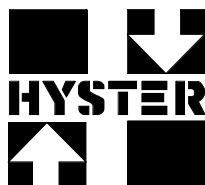
Hydraulic tank breather filter - 10 micron filter replaces standard.....	Q120-02	\$210	3
Hydraulic system filter - 10 micron	Std.		

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EFFECTIVE: 08/01/01

CHALLENGER- 19

REPLACES: 07/16/01



HYSTER COMPANY SPED PRICE LIST APPLICATIONS ENGINEERING DEPARTMENT

**H70, 80XM, 90XMS
100, 110, 120XM
SIT DOWN COUNTERBALANCED
PNEUMATIC TIRE
SERIES CODE K005**

*NOT ENGINEERED special items will INCREASE AVAILABILITY – See INTRODUCTION for complete details.

Description	Item No.	Price	Availability (In Weeks *)
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FIRE EXTINGUISHER

5 lb. dry chemical	Q080-01	\$350.	4
5 lb. CO ₂	Q080-02	\$520.	4
10 lb. dry chemical	Q080-03	\$375.	4
10 lb. CO ₂	Q080-04	\$560.	4

FORK

See Introduction for FORK notes.

FORK-HOOK TYPE, GYPSUM STYLE

NOTE: All gypsum forks listed include United States Gypsum specification tip and taper. Both outer edges of the fork blade are chamfered. Covered backing decreases the useable fork length 1/2". Backing material is bonded to a steel backing plate. Contacting the fork manufacturer for replacement backing is recommended. Fork capacities are as stated by the manufacturer in pounds at 24" load center per pair. Drawings of the applicable fork specifications are available on request from SPED. Contact SPED for forks less backing or for back heights and mounting types not listed.

Manufacturer: **G.N.C. Division, Nelson Iron Works, Inc.**

Backing Mounting: **Slide-in**

Backing Material: **Non-marking Neoprene**

Backing Durometer: **60**

Backing Plate Steel: **11 gauge**

Fork Material: **SAE 8630**

Fork Type: **Welded**

Ref. Drawing: **S0004500 18**

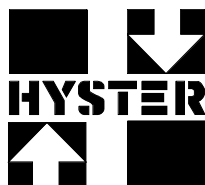
	ITA Class	Section	Length	Capacity	Back Height			
H70-100XM	III	2"x6"	47.5"	10,000	48"	Q352-19	\$3,700. pr.	12
					60"	Q352-20	\$3,840. pr.	12
					72"	Q352-21	\$4,060. pr.	12
	III	2"x8"	47.5"	10,000	48"	Q352-22	\$5,240. pr.	12
					60"	Q352-23	\$5,440. pr.	12
					72"	Q352-24	\$5,680. pr.	12
H100-120XM	IV	2"x8"	47.5"	13,300	48"	Q352-25	\$4,930. pr.	12
					60"	Q352-26	\$5,120. pr.	12
					72"	Q352-27	\$5,350. pr.	12
	IV	2"x10"	47.5"	15,000	48"	Q352-28	\$5,890. pr.	12
					60"	Q352-29	\$6,080. pr.	12
					72"	Q352-30	\$3,380. pr.	12

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EFFECTIVE: 08/01/01

CHALLENGER- 20

REPLACES: 07/16/01



HYSTER COMPANY SPED PRICE LIST APPLICATIONS ENGINEERING DEPARTMENT

**H70, 80XM, 90XMS
100, 110, 120XM
SIT DOWN COUNTERBALANCED
PNEUMATIC TIRE
SERIES CODE K005**

*NOT ENGINEERED special items will INCREASE AVAILABILITY – See INTRODUCTION for complete details.

Description	Item No.	Price	Availability (In Weeks *)
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FORK-HOOK TYPE, PALLET STYLE

Specify length in 2" increments on order.

Units	ITA Class	Section	Length			
H70-90XMS	III	50mm x 125mm (2" x 5")	38"-40"	Q086-19	\$660. pr.	12
			44"-46"	Q086-20	\$690. pr.	12
			50"-52"	Q086-21	\$740. pr.	12
			56"-58"	Q086-22	\$780. pr.	12
			62"-70"	Q086-23	\$920. pr.	12
H70XM only						
H70XM only						
H70-100XM	III	60mm x 150mm (2.5" x 6")	36"	Q086-24	\$1,140. pr.	12
			38"-42"	Q086-25	\$1,140. pr.	12
			44"-48"	Q086-26	\$1,140. pr.	12
			50"-54"	Q086-27	\$1,240. pr.	12
			56"-60"	Q086-28	\$1,300. pr.	12
			62"-72"	Q086-29	\$1,450. pr.	12
H100-120XM	IV	60mm x 150mm (2.5" x 6")	36"	Q086-30	\$1,070. pr.	12
			38"-40"	Q086-31	\$1,070. pr.	12
			44"-46"	Q086-32	\$1,070. pr.	12
			50"-52"	Q086-33	\$1,160. pr.	12
			56"-58"	Q086-34	\$1,230. pr.	12
			62"-70"	Q086-35	\$1,360. pr.	12

FORK-HOOK TYPE, POLISHED & TAPERED STYLE

Specify length in 2" increments on order.

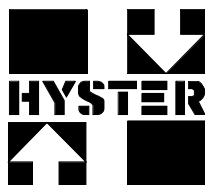
Units	ITA Class	Section	Length			
H70-90XMS	III	50mm x 125mm (2" x 5")	36"	Q380-21	\$740. pr.	12
			38" – 42"	Q380-22	\$780. pr.	12
			44" – 48"	Q380-23	\$840. pr.	12
			50" – 54"	Q380-24	\$900. pr.	12
			56" – 60"	Q380-25	\$960. pr.	12
			62" – 72"	Q380-26	\$1,160. pr.	12
H70-100XM	III	60mm 150mm (2.5" x 6")	36"	Q380-27	\$1,320. pr.	12
			38" – 42"	Q380-28	\$1,370. pr.	12
			44" – 48"	Q380-29	\$1,460. pr.	12
			50" – 54"	Q380-30	\$1,570. pr.	12
			56" – 60"	Q380-31	\$1,680. pr.	12
			62" – 72"	Q380-32	\$2,000. pr.	12
H100-120XM	IV	60mm x 150mm (2.5" x 6")	36"	Q380-33	\$1,240. pr.	12
			38" – 42"	Q380-34	\$1,290. pr.	12
			44" – 48"	Q380-35	\$1,370. pr.	12
			50" – 54"	Q380-36	\$1,480. pr.	12
			56" – 60"	Q380-37	\$1,580. pr.	12
			62" – 72"	Q380-38	\$1,880. pr.	12

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EFFECTIVE: 08/01/01

CHALLENGER- 21

REPLACES: 07/16/01



HYSTER COMPANY SPED PRICE LIST APPLICATIONS ENGINEERING DEPARTMENT

**H70, 80XM, 90XMS
100, 110, 120XM
SIT DOWN COUNTERBALANCED
PNEUMATIC TIRE
SERIES CODE K005**

*NOT ENGINEERED special items will INCREASE AVAILABILITY – See INTRODUCTION for complete details.

Description	Item No.	Price	Availability (In Weeks *)
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FORK-PIN TYPE, BLOCK STYLE

Does not include spacer group. (See FORK SPACER GROUP)

For use with SPED Price List Pin Type Sideshift and Fork Spacer Group. For all other uses, Contact SPED for APPROVAL.

Units	Section	Length			
H70-90XM	40mm x 50mm (1.5" x 2")	47.5"	Q383-46	\$2,130. Set of 6	12
		47.5"	Q383-47	\$2,840. Set of 8	12
H100-120XM		47.5"	Q383-48	\$2,450. Set of 6	12
		47.5"	Q383-49	\$3,265. Set of 8	12

FORK-PIN TYPE, PALLET STYLE

Specify length in 2" increments on order.

Units	Section	Length			
H70-90XMS	50mm x 125mm (2" x 5")	36".....	Q330-07	\$670. pr.	12
		38"-42".....	Q330-08	\$700. pr.	12
		44"-48".....	Q330-09	\$740. pr.	12
		50"-54".....	Q330-10	\$790. pr.	12
H70XM only	60mm x 150mm (2.5" x 6")	56"-60".....	Q330-11	\$830. pr.	12
H70XM only		62"-72".....	Q330-12	\$990. pr.	12
H100-120XM		42".....	Q330-19	\$1,160. pr.	12
		44"-48".....	Q330-20	\$1,170. pr.	12
		50"-54".....	Q330-21	\$1,240. pr.	12
		56"-60".....	Q330-22	\$1,300. pr.	12
		62"-72".....	Q330-23	\$1,540. pr.	12
		74"-84".....	Q330-24	\$1,650. pr.	12
		86"-96".....	Q330-25	\$1,790. pr.	12

FORK-PIN TYPE, POLISHED & TAPERED STYLE

Specify length in 2" increments on order.

Units	Section	Length			
H70-90XMS	50mm x 125mm (2" x 5")	36".....	Q329-07	\$800. pr.	12
		38"-42".....	Q329-08	\$820. pr.	12
		44"-48".....	Q329-09	\$840. pr.	12
		50"-54".....	Q329-10	\$880. pr.	12
H70XM only	60mm x 150mm (2.5" x 6")	56"-60".....	Q329-11	\$1,060. pr.	12
H70XM only		62"-72".....	Q329-12	\$1,150. pr.	12
H100-120XM		42".....	Q329-19	\$1,220. pr.	12
		44"-48".....	Q329-20	\$1,290. pr.	12
		50"-54".....	Q329-21	\$1,360. pr.	12
		56"-60".....	Q329-22	\$1,460. pr.	12
		62"-72".....	Q329-23	\$1,750. pr.	12

FORK-PIN TYPE, WOOD PRODUCT STYLE

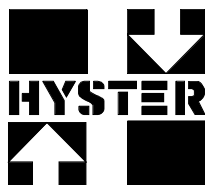
Units	Section	Length			
H70-90XMS	40mm x 200mm (1.57" x 7.87")	47.5"	Q066-05	\$1,705. pr.	12
		54"	Q066-06	\$1,830. pr.	12
H100-120XM	40mm x 250mm (1.57" x 9.84")	47.5"	Q066-07	\$3,195. pr.	12
		54"	Q066-08	\$3,425. pr.	12

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EFFECTIVE: 08/01/01

CHALLENGER- 22

REPLACES: 07/16/01



HYSTER COMPANY SPED PRICE LIST APPLICATIONS ENGINEERING DEPARTMENT

**H70, 80XM, 90XMS
100, 110, 120XM
SIT DOWN COUNTERBALANCED
PNEUMATIC TIRE
SERIES CODE K005**

*NOT ENGINEERED special items will INCREASE AVAILABILITY – See INTRODUCTION for complete details.

Description	Item No.	Price	Availability (In Weeks *)
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FORK SPACER GROUP

Set of spacers to accommodate 1.5" x 2" block forks on 8"centers. Requires special pin type sideshift on order.

For (6) block forks on 50" or 56" wide sideshift.....	Q045-01	\$270. set	12
For (8) block forks on 62" wide sideshift	Q045-02	\$370. set	12

FOUNDRY CONSTRUCTION

Foundry Package - Compatible with Cab, Premium Instrumentation and Overhead Exhaust. Standard truck equipment includes an Air Restriction Indicator (requires Premium Instrumentation), Square Wave 6.5 fins/inch anti-clogging radiator with built-in transmission oil cooler and puller type engine cooling fan. Requires Engine option (as required), Heavy Duty Air Precleaner option 078-02 and Radiator Screen option 022-10 on order.

Special Package includes:

- 45 amp sealed alternator (Standard with UL type "S")
- 10 micron Hydraulic Tank Breather Filter replaces standard 40 micron
- (2) Lube Fittings on each Tilt Pin

Requires UL type G/D/LP	Q349-26	\$805.	14
Requires UL type GS/DS/LPS	Q349-28	\$580.	14

Heavy Dust Foundry Package - Compatible with Cab, Premium Instrumentation and Overhead Exhaust. Standard truck equipment as described in basic Foundry Package. Requires options identified in basic Foundry Package.

Special package includes special equipment described in basic Foundry Package plus the following:

- Fully sealed, heavy duty belly pan and Maintenance door with pull cable opener
- Vented Side Panels
- Vented Kickplate (on units without Cab)
- Booted Tilt and Steer Cylinder Rods

Units without Cab, Requires UL type G/D/LP	Q349-27	\$4,535.	14
Units without Cab, Requires UL type GS/DS/LPS	Q349-29	\$4,180.	14
Units with Cab, Requires UL type G/D/LP	Q349-30	\$4,025.	14
Units with Cab, Requires UL type GS/DS/LPS	Q349-31	\$3,670.	14

FUEL SYSTEM

Note: CHANGES TO THE FUEL SYSTEM MAY RESULT IN VARIANCES TO PUBLISHED VALUES; CONTACT SPED IF CRITICAL.

LPG hose – stainless steel wire braid. UL APPROVED.

Requires LP gas engine option on order.....	Q095-03	\$155.	6
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FUEL TANK

LP gas tank – aluminum. Requires LP gas engine option on order.

FACTORY INSTALLED ONLY- 43.5# ICC Tank	Q060-08	\$600	12
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GROUND STRAP (STATIC STRAP)

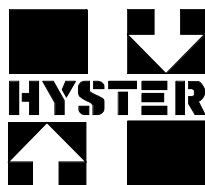
Prevents build up of static electricity on frame and steer axle	Q108-01	\$70.	2
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EFFECTIVE: 08/01/01

CHALLENGER- 23

REPLACES: 07/16/01



HYSTER COMPANY SPED PRICE LIST APPLICATIONS ENGINEERING DEPARTMENT

**H70, 80XM, 90XMS
100, 110, 120XM
SIT DOWN COUNTERBALANCED
PNEUMATIC TIRE
SERIES CODE K005**

*NOT ENGINEERED special items will INCREASE AVAILABILITY – See INTRODUCTION for complete details.

Description	Item No.	Price	Availability (In Weeks *)
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HYDRAULIC FITTING-QUICK DISCONNECT

Male and female hydraulic fittings and tubes to allow an attachment to be quickly disconnected from the hydraulic supply for removal. Includes complete quick disconnect fittings for each function. Not normally required for integrally mounted attachments. 4-function disconnect requires 4-function hose group and control valve on order.

Vista 2-Stage Limited Free Lift Mast

One pair disconnect	-3 Function – High Termination 3 rd function at top right side of carriage Not compatible with sideshift	Q187-16	\$600.	14
	-4 Function – High Termination 4 th function at top left side of carriage. 3 rd function used with sideshift.....	Q187-17	\$600.	14
Two pair disconnects	-4 Function - High Termination 3 rd function at top right side and 4 th function at top left side of carriage. Not compatible with sideshift.	Q187-18	\$1,150.	14

Vista 2-Stage Full Free Lift Mast

One pair disconnect	-3 Function – High Termination 3 rd function at top right side of carriage Not compatible with sideshift	Q187-19	\$615.	14
	-4 Function– High Termination 4 th function at top left side of carriage. 3 rd function used with sideshift.....	Q187-20	\$615.	14
Two pair disconnects	-4 Function- High Termination 3 rd function at top right side and 4 th function at top left side of carriage. Not compatible with sideshift.	Q187-21	\$1,170.	14

Vista 3-Stage Full Free Lift Mast

One pair disconnect	-3 Function– High Termination 3 rd function at top right side of carriage Not compatible with sideshift	Q187-22	\$570.	14
	-4 Function– High Termination 4 th function at top left side of carriage. 3 rd function used with sideshift.....	Q187-23	\$570.	14
Two pair disconnects	-4 Function High Termination 3 rd function at top right side and 4 th function at top left side of carriage. Not compatible with sideshift.	Q187-24	\$825.	14

HYDRAULIC FLUID

Fire Resistant - FACTORY INSTALLED. CANNOT BE INSTALLED ON STOCK BASIC. Contact SPED for a quoted mast to replace the standard mast at no additional charge Q140-01

\$2,880. 18

HYDRAULIC PRESSURE REGULATOR

3 position with gauge - used to regulate the pressure in the hydraulic attachment clamping circuit.
1st & 2nd positions are 50-1000 psi and the 3rd position is 500-3000 psi.

Requires applicable control valve and hose group on order..... Q203-01

\$2,355. 12

HYDRAULIC VALVE-LOAD PROTECTOR

Prevents lift chains from going slack after depositing a load with a clamping type attachment..... Q348-01

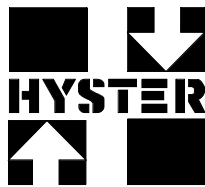
\$1,760. 10

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EFFECTIVE: 08/01/01

CHALLENGER- 24

REPLACES: 07/16/01



HYSTER COMPANY SPED PRICE LIST APPLICATIONS ENGINEERING DEPARTMENT

**H70, 80XM, 90XMS
100, 110, 120XM
SIT DOWN COUNTERBALANCED
PNEUMATIC TIRE
SERIES CODE K005**

*NOT ENGINEERED special items will INCREASE AVAILABILITY – See INTRODUCTION for complete details.

Description	Item No.	Price	Availability (In Weeks *)
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INDICATOR

Air Cleaner Restriction Indicator (note: included with P.L. Premium Instrumentation Package 017-02)
Requires P.L. Standard Instrumentation Package (017-01) Q126-02 \$130. 4

LIGHT

Dome Light – Standard with P.L. Cab option (072-01) P.L.

LIGHT-STROBE

Continuous strobe, key switch actuated, UL APPROVED.

Overhead guard top mounted – increases truck height approximately 7".

Red.....	Q393-13	\$580.	12
Amber.....	Q393-14	\$580.	12

Mounted below overhead guard top.

Red.....	Q393-15	\$580.	12
Amber.....	Q393-16	\$580.	12

LIGHT-TURN SIGNAL

2 front and 2 rear turn signals. UL APPROVED	Q404-02	\$950.	12
2 rear turn signals. UL APPROVED	Q404-03	\$800.	12

LINT/COTTON CONSTRUCTION

Paper Recycling Package – suggested for use in cotton, lint, paper or other fibrous materials applications.

Requires UL type "S" Approval option 056-02, Premium Instrumentation option 017-02, Radiator Screen option 022-01 and High Mount Heavy Duty Air Precleaner option 078-02 on order.

NOT available with Overhead or Catalytic Exhaust. Recommended that unit include Diesel Engine, Single Speed powershift Transmission, Monotrol Directional Control and a Fire Extinguisher. Compatible with special Auxiliary Transmission Oil Cooler and Booted Tilt/Steer Cylinder Rods. UL Approved.

Special Package includes:

- Exhaust Wrap
- Vented Side Panels
- Vented Kickplate (on units without Cab)
- Fully Sealed, Heavy Duty Belly Pan and maintenance access door with pull cable opener
- Brake Line Guards
- Park Brake Cable Guard
- Steer Wheel Baffles
- Standard 6.5 fin per inch Square Wave anti-clogging radiator with built-in transmission oil cooler

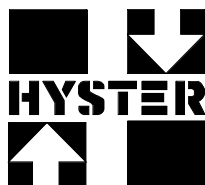
H70-120XM without Cab	Q130-02	\$4,550.	14
H70-120XM with Cab	Q130-03	\$4,195.	14

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EFFECTIVE: 08/01/01

CHALLENGER- 25

REPLACES: 07/16/01



HYSTER COMPANY **SPED PRICE LIST** **APPLICATIONS ENGINEERING DEPARTMENT**

H70, 80XM, 90XMS
100, 110, 120XM
SIT DOWN COUNTERBALANCED
PNEUMATIC TIRE
SERIES CODE K005

*NOT ENGINEERED special items will INCREASE AVAILABILITY – See INTRODUCTION for complete details.

Description	Item No.	Price	Availability (In Weeks *)
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LOAD BACKREST EXTENSION

See Introduction for Load Backrest notes

Carriage or Attachment Width	Height 36"	42"	48"	60"	
48"-50"	Q166-19 \$445.	Q166-20 460.	Q166-21 440.	Q166-22 505.	14
54"-56"	Q166-23 \$475.	Q166-24 485.	Q166-25 470.	Q166-26 535.	14
60"-62"	Q166-27 \$505.	Q166-28 515.	Q166-29 500.	Q166-30 565.	14

LUBRICANT/COATING

Electrical terminals sprayed with waterproof plastic	Q145-01	\$270.	6
Unpainted parts coated with low temperature grease.....	Q145-02	\$270.	6
Lift chains saturated with low temperature grease-requires mast on order	Q145-03	\$270.	6

MAST TILT

Mast forward tilt restricted to zero degrees at any lift height unless overridden by operator.

Tilt limit system VOIDS UL APPROVAL	Q285-10	\$2,010.	16
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MAST TILT-LIMITER BACK/FORWARD

See Introduction for Mast Tilt Limiter notes.

Back and Forward tilt limiters are available in one-degree increments within the range shown. Specify the required degree of back/forward tilt on order. Consult the Industrial Truck Price List for production offering and usage restrictions before quoting. NOTE that if total degrees of tilt sums up greater than maximum P.L. total tilt, contact SPED for approval (i.e. 7° Forward + 8° Back = 15° Total tilt). FACTORY INSTALLED.

Minimum	Maximum				
4°	11°	Back Tilt.....	Q287-01	\$165. pr.	8
0°	11°	Forward Tilt	Q288-01	\$340. pr.	8

MAST TILT INDICATOR

Mechanical linkage system to indicate when the mast is vertical	Q286-01	\$790.	8
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MAST TILT SPEED

Speed restrictor for use with load sustaining attachments to improve dynamic stability conditions.

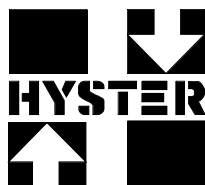
Fitting type restrictor	Q096-02	\$225.	8
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EFFECTIVE: 08/01/01

CHALLENGER- 26

REPLACES: 07/16/01



**HYSTER COMPANY
SPED PRICE LIST
APPLICATIONS ENGINEERING DEPARTMENT**

**H70, 80XM, 90XMS
100, 110, 120XM
SIT DOWN COUNTERBALANCED
PNEUMATIC TIRE
SERIES CODE K005**

*NOT ENGINEERED special items will INCREASE AVAILABILITY – See INTRODUCTION for complete details.

Description	Item No.	Price	Availability (In Weeks *)
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NAMEPLATE

Additional Nameplate FACTORY INSTALLED. Nameplates will be provided with one load center giving the rating at maximum fork height and the maximum possible rating at a lower fork height. For NOT INSTALLED nameplates, submit "DEALER REQUEST FOR NAMEPLATE" form.

Metric Values with English Values Referenced	Q198-03	\$75 net	4
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OPERATOR SHIELD

Lexan Windshield mounted between front overhead guard legs.

Requires restricted back tilt, contact SPED.	Q132-01	\$850.	12
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OVERHEAD GUARD

Wire mesh added to top increases height approximately 3/8". Order for standard or special overhead guard.

Not compatible with top mounted lights	Q153-01	\$560.	10
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OVERHEAD GUARD-LOWERED/RAISED

Contact SPED for quote.

PAINT

Corrosion Resistant paint on exterior surfaces. Standard Hyster color schemes only. For special color schemes, contact SPED.

Contact SPED for a quoted mast to replace the standard mast at no additional charge.

Does not include corrosion resistant paint on Cab	Q191-01	\$2,035.	14
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ONE COLOR-Lead/Chromate free enamel paint on all normally painted exterior surfaces only. Exterior paint may be applied over standard color prepainted surfaces. Does NOT include interior surfaces. Paint color panel/chip must accompany orders for Non-Hyster colors. Hyster paint vendor to match color. Contrasting features, color and decals provided at Hyster's discretion. Hyster reserves the right to reject requirements for UNUSUAL NON-STANDARD Paints, PAINT SCHEMES or paints requiring SPECIAL APPLICATION TECHNIQUE. For paint schemes not listed or for special colors on NOT INSTALLED options pr special items, contact SPED.

Specify one paint color number for each item ordered.

Color Number: 1 = Hyster yellow

2 = Hyster white

3 = Hyster red

4 = Hyster black

5 = Non-Hyster color. Requires color panel/chip with order!

Orders received without such will be delayed!

Complete Truck (not forks or cab)-replace standard colors**	Q191-08*	\$1,145.	Prod. +2
Chassis/counterweight/hood -replace yellow & black**.....	Q191-09	\$705.	Prod. +2
Chassis/counterweight/hood -replace yellow only**	Q191-10	\$670.	Prod. +2
Chassis/counterweight/hood -replace black only**	Q191-11	\$350.	Prod. +2
Overhead Guard -replace black only	Q191-05	\$160.	Prod. +2
Cab -replace standard color	Q191-07	\$230.	Prod. +2
Wheels -replace standard color	Q191-12	\$160.	Prod. +2
Mast/carriage/attachment -replace standard color	Q191-13*	\$500.	Prod. +2
Load Backrest -replace standard color	Q191-14	\$120.	Prod. +2
Forks -replace standard color	Q191-06	\$130. Pr.	Prod. +2

*Contact SPED for a quoted mast to replace the standard mast at no additional charge.

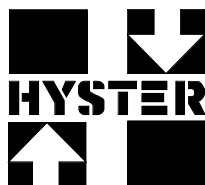
**Dash, Floorboard, Seat Pan and Radiator Cover NOT Painted.

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EFFECTIVE: 08/01/01

CHALLENGER- 27

REPLACES: 07/16/01



HYSTER COMPANY **SPED PRICE LIST** **APPLICATIONS ENGINEERING DEPARTMENT**

H70, 80XM, 90XMS
100, 110, 120XM
SIT DOWN COUNTERBALANCED
PNEUMATIC TIRE
SERIES CODE K005

*NOT ENGINEERED special items will INCREASE AVAILABILITY – See INTRODUCTION for complete details.

Description	Item No.	Price	Availability (In Weeks *)
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RAIN TOP

Plexiglas rain top mounted to top of overhead guard. Not Compatible with Top

Mounted Lights.....	Q238-01	\$565.	14
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SEAT

All Special Seats include seat adjustment and operator restraints and require the standard non-suspension seat option referenced on order. Fabric covered seats are not recommended for outdoor applications without a cab.

Sears Surburban non-suspension.

Black Vinyl covering	PL		
Dark Gray Fabric covering	Q252-01	\$50.	12

Bostrom Low Profile non-suspension (increases operator head clearance approximately 1")

Black Vinyl covering	Q397-02	\$575.	12
Black Fabric covering.....	Q397-03	\$625.	12

TIRE

See Introduction for Tire Notes.

TIRE-DRIVE (Includes Fenders)

PNEUMATIC - Requires single drive wheels option, pneumatic single drive tires option and identical steer tires on order.

H70-90XMS – 250 x 15-18PR

Titan Premium Wide Trac	Std.		
Monarch Mono-Cushion 900.....	Q111-13	\$100 pr.	10

H100-120XM – 300 x 15-18PR

Titan Premium Wide Trac	Std.		
Monarch Mono-Cushion 900.....	Q111-14	\$100 pr.	10

PNEUMATIC SHAPE SOLID - Requires single drive wheels option, pneumatic single drive tires option and identical type steer tires on order.

H70-90XMS - 250 x 15

Monarch Soft Shoe Mono-Matic (red label) lug tread	P.L.		
Monarch Soft Shoe HP (white label) lug tread	Q111-07	\$1,235. pr.	10
Monarch Soft Shoe E-Class (blue label) lug tread.....	Q111-09	\$1,355. pr.	10
Monarch Soft Shoe Non-Mrk lug tread, includes ground strap.....	Q111-11	\$1,665 pr.	10

H100-120XM - 300 x 15

Monarch Soft Shoe Mono-Matic (red label) lug tread	P.L.		
Monarch Soft Shoe HP (white label) lug tread	Q111-08	\$1,185. pr.	10
Monarch Soft Shoe E-Class (blue label) lug tread.....	Q111-10	\$1,300. pr.	10
Monarch Soft Shoe Non-Mrk lug tread, includes ground strap.....	Q111-12	\$1,715 pr.	10

RADIAL PNEUMATIC - Requires single drive wheels option, pneumatic single drive tires options and identical type steer tires on order.

H70-90XMS – 250/70R15

Michelin XZM.....	P.L.
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H100-120XM – 315/70R15

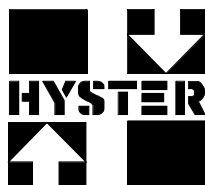
Michelin XZM.....	P.L.
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EFFECTIVE: 08/01/01

CHALLENGER- 28

REPLACES: 07/16/01



HYSTER COMPANY SPED PRICE LIST APPLICATIONS ENGINEERING DEPARTMENT

**H70, 80XM, 90XMS
100, 110, 120XM
SIT DOWN COUNTERBALANCED
PNEUMATIC TIRE
SERIES CODE K005**

*NOT ENGINEERED special items will INCREASE AVAILABILITY – See INTRODUCTION for complete details.

Description	Item No.	Price	Availability (In Weeks *)
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TIRE-DUAL DRIVE (Includes Fenders)

PNEUMATIC – Requires dual drive wheels option (060-02) and identical type steer tires on order.

H70-90XMS – 7.00 x 15-12PR
Monarch Mono-Cushion 900.....Contact Applications Engineering

H100-120XM – 8.25 x 15-12PR
Monarch Mono-Cushion 900.....Contact Applications Engineering

PNEUMATIC SHAPE SOLID - Requires dual drive wheels option (060-02) and identical type steer tires on order.

H70-90XMS – 7.00 x 15
Monarch Soft Shoe Mono-Matic (red label) lug treadP.L.
Monarch Soft Shoe HP (white label) lug treadQ182-05 \$1,915 set 10
Monarch Soft Shoe E-Class (blue label) lug tread.....Contact Applications Engineering

H100-120XM – 8.25 x 15
Monarch Soft Shoe Mono-Matic (red label) lug treadP.L.
Monarch Soft Shoe HP (white label) lug treadQ182-07 \$2,520 set 10
Monarch Soft Shoe E-Class (blue label) lug tread.....Contact Applications Engineering

RADIAL PNEUMATIC – Requires dual drive wheels option (060-02) and identical type steer tires on order.

H70-90XMS - 7.00R15
Michelin XZM.....Q162-04 \$1,385. set 10

H100-120XM - 8.25R15
Michelin XZM.....Q162-02 \$1,810. set. 10

TIRE-STEER

PNEUMATIC – Requires pneumatic steer tires option and identical type drive tires on order.

H70-120XM – 7.00 x 12
Titan Industrial Deep TractionStd.
Monarch Mono-Cushion 900.....Q270-09 \$100 pr. 10

PNEUMATIC SHAPE SOLID – Requires pneumatic steer tires option and identical type drive tires on order.

H70-120XM – 7.00 x 12
Monarch Soft Shoe Mono-Matic (red label) lug treadP.L.
Monarch Soft Shoe HP (white label) lug treadQ270-06 \$530 pr. 10
Monarch Soft Shoe E-Class (blue label) lug tread.....Q270-07 \$585 pr. 10
Monarch Soft Shoe Non-Marking lug tread.....Q270-08 \$770 pr. 10

RADIAL PNEUMATIC – Requires pneumatic steer tires option and identical type drive tires on order.

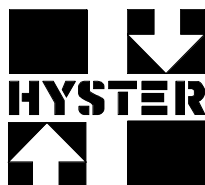
H70-120XMS - 7.00R12
Michelin XZM.....P.L.

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EFFECTIVE: 08/01/01

CHALLENGER- 29

REPLACES: 07/16/01



**HYSTER COMPANY
SPED PRICE LIST
APPLICATIONS ENGINEERING DEPARTMENT**

**H70, 80XM, 90XMS
100, 110, 120XM
SIT DOWN COUNTERBALANCED
PNEUMATIC TIRE
SERIES CODE K005**

*NOT ENGINEERED special items will INCREASE AVAILABILITY – See INTRODUCTION for complete details.

Description	Item No.	Price	Availability (In Weeks *)
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TRACTION SPEED LIMIT

Traction speed limited to approximately 8.0 MPH when traveling in either forward or reverse. Proximity sensor monitors frequency of the differential gear teeth. When truck is traveling faster than 8.0 MPH, speed is limited by activating a sensor that controls the engine electronic governor. Full throttle is available provided the truck is traveling less than 8.0 MPH. Requires GM gasoline or LPG engine (with MSTs ignition) and powershift transmission on order.

VOIDS UL APPROVAL	Q262-06	\$1,945.	18
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Engine governed at reduced level to limit travel speed and reduce noise levels. Maximum engine RPM will be governed to reduced level by replacing standard electronic governor with special governor. Maximum travel, lift, and attachment speeds will be reduced from published specifications shown in technical guides. Requires GM engine option on order.

2200-RPM maximum.....	Standard		
2100-RPM maximum.....	Q262-09	\$390.	Prod. + 2
1900-RPM maximum.....	Q262-10	\$390.	Prod. + 2

TRANSMISSION

Transmission Oil Cooler- Integral to Square Wave 6.5 fins/inch radiator ... Std.

Auxiliary, requires Restricted Back Tilt.....	Q297-03	\$850.	12
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WARNING SYSTEM

BELL - WHEEL MOUNTED. Extends 3" beyond wheel.

Sounds when truck is traveling in reverse.	Q222-08	\$480.	12
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ALARM – SEAT ACTUATED.

Sounds when operator leaves the seat without setting the Park Brake. Deactivates when park brake is set.

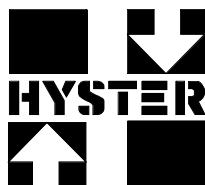
VOIDS UL APPROVAL	Q222-12	\$430.	12
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EFFECTIVE: 08/01/01

CHALLENGER- 30

REPLACES: 07/16/01



HYSTER COMPANY SPED PRICE LIST APPLICATIONS ENGINEERING DEPARTMENT

H135,155XL2
SITDOWN-COUNTERBALANCED
INTERNAL COMBUSTION (IC)
PNEUMATIC TIRE
SERIES CODE F006

*NOT ENGINEERED special items will INCREASE AVAILABILITY – See INTRODUCTION for complete details.

Description	Item No.	Price	Availability (In Weeks *)
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F006 – H135, 155XL2

ACCUMULATOR

Note: Cowl mounted components may require restricted back tilt; contact SPED.

Parker 1-quart piston type	Q001-02	\$600.	16
Parker 2-quart piston type	Q001-03	\$1,400.	16
Parker 4-quart piston type	Q001-05	\$1,730.	16
Hydra-Smooth 1-quart piston type	Q001-06	\$1,560.	16
Hydra Smooth 2-quart piston type	Q001-07	\$1,975.	16

ALTERNATOR

30-45 Amp output with integral regulator – brushes and bearings are sealed.

UL APPROVED. Standard on units with UL type GS, LPS, or DS option on order.

Requires GM gas or LP gas engine option on order	Q006-16	\$525.	10
Requires Perkins diesel engine option on order	Q006-18	\$510.	10

105 Amp Output. VOIDS UL APPROVAL	Q006-11	\$605.	13
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ATTACHMENT

See Introduction for Notes.

ATTACHMENT-BLOCK HANDLER

Note: The following attachments are for block handling applications only and requires special pin type block forks (see FORK-PIN TYPE, BLOCK STYLE) on order. Each includes block fork spacers for quantity of blocks indicated.

Double sideshift, pin type, integral – Includes independent sideshift control and 48" high load backrest extension. Requires 4 function valve, 4 function hose group and 6 degrees back tilt on order. Double 48" wide sideshifts require 12 block forks. Double 62" wide sideshifts require 16 block forks. Individual hydraulic control levers are optional (see HYDRAULIC CONTROL LEVER).

Vista 2-Stage LFL – two 48" sideshifts	Q427-05	\$11,270.	18
Vista 2-Stage LFL – two 62" sideshifts	Q427-06	\$11,810.	18
Vista 3-Stage FFL – two 48" sideshifts	Q427-09	\$11,270.	18
Vista 3-Stage FFL – two 62" sideshifts	Q427-10	\$11,810.	18

ATTACHMENT-FORK POSITIONER, NON-SIDESHIFTING, PIN TYPE

Note: All non-sideshifting fork positioners listed with simultaneous (Sim.) arm control (fork movement may be unequal) require a 3 function valve and 3 function hose group; individual (Ind.) arm control requires 4 function valve and 4 function hose group; integrally mast mounted.

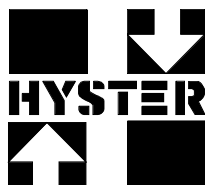
Mast	Width	Fork Width	Fork Spacing Inside	Fork Spacing Outside	Control		
H135-155XL2							
Vista 2-Stage LFL	78.0"	6"	21.0"	74.0"	Sim	Q089-85	\$7,345.
	78.0"	6"	21.0"	74.0"	Ind	Q089-86	\$7,345.
Vista 3-Stage FFL	78.0"	6"	21.0"	74.0"	Sim	Q089-87	\$7,345.
	78.0"	6"	21.0"	74.0"	Ind	Q089-88	\$7,345.

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EFFECTIVE: 08/01/01

CHALLENGER- 31

REPLACES: 07/16/01



HYSTER COMPANY SPED PRICE LIST APPLICATIONS ENGINEERING DEPARTMENT

H135,155XL2
SITDOWN-COUNTERBALANCED
INTERNAL COMBUSTION (IC)
PNEUMATIC TIRE
SERIES CODE F006

*NOT ENGINEERED special items will INCREASE AVAILABILITY – See INTRODUCTION for complete details.

Description	Item No.	Price	Availability (In Weeks *)
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ATTACHMENT-FORK POSITIONER, SIDESHIFTING, PIN TYPE

Note: All sideshifting fork positioners listed with simultaneous (Sim.) arm control (fork movement may be unequal) require a 4 function valve and 4 function hose group; individual (Ind.) arm control requires 5 function valve and 5 function hose group; integrally mast mounted.

Mast	Width	Fork Width	Fork Spacing Inside	Fork Spacing Outside	Control			
H135-155XL2								
Vista 2-Stage LFL78.0"		6"	6.5	74.0"	Sim	Q260-35	\$10,810.	15
Vista 3-Stage FFL78.0"		6"	6.5"	74.0"	Sim	Q260-36	\$10,810.	15

BELLY PAN

Acts as a splashguard only – does not completely enclose underside of frame.

Includes cutouts for access to drain plugs.	Q026-01	\$1,075.	12
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BRAKES

Micro Accumlock – supplements existing brake system. Acts as a holding device for truck until control lever on instrument panel is manually turned off and brake pedal is tapped lightly. Includes low-pressure warning light.

VOIDS UL APPROVAL	Q003-07	\$725.	14
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CAB AIR CONDITIONER

Requires Cab option on order.

Factory Installed – shipped with freon charge. Requires special 105-amp output alternator on order.

VOIDS UL APPROVAL

Condenser mounts behind and below the overhead guard	Q005-01	\$8,150.	13
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CARRIAGE-HOOK TYPE, VISTA 2-STAGE LIMITED FREE LIFT MAST

Width	ITA Class			
48"	IV	Q296-40	\$4,200.	14
54"	IV	Q296-41	\$4,490.	14
60"	IV	Q296-42	\$4,785.	14
78"	IV	Q296-43	\$5,500.	14

CARRIAGE-HOOK TYPE, VISTA 3-STAGE FULL FREE LIFT

Width	ITA Class			
48"	IV	Q467-22	\$4,200.	14
54"	IV	Q467-25	\$4,490.	14
60"	IV	Q467-26	\$4,785.	14
78"	IV	Q467-30	\$5,500.	14

CARRIAGE-PIN TYPE, VISTA 2-STAGE LIMITED FREE LIFT MAST

60" Width	Q340-04	\$2,810.	16
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CARRIAGE-PIN TYPE, VISTA 3-STAGE FULL FREE LIFT MAST

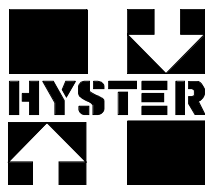
60" Width	Q477-14	\$2,810.	16
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EFFECTIVE: 08/01/01

CHALLENGER- 32

REPLACES: 07/16/01



HYSTER COMPANY SPED PRICE LIST APPLICATIONS ENGINEERING DEPARTMENT

H135,155XL2
SITDOWN-COUNTERBALANCED
INTERNAL COMBUSTION (IC)
PNEUMATIC TIRE
SERIES CODE F006

*NOT ENGINEERED special items will INCREASE AVAILABILITY – See INTRODUCTION for complete details.

Description	Item No.	Price	Availability (In Weeks *)
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COLD START AID

Engine Block Heater requires 110 Volt AC outlet	Q048-01	\$750.	12
Ether Start- Requires Diesel Engine option on order.			
VOIDS UL APPROVAL	Q048-02	\$440.	15

COOLING SYSTEM

Radiator cap – LEV-R-VENT manual pressure relief type.			
Factory installed	Q236-01	\$45.	2
Field installed P/N 1312753	Parts		

ELECTRIC ATTACHMENT GROUP

NOTES:

- Each electric attachment group special item listed:
 - does NOT include a SOLENOID valve. Solenoids are to be provided by the dealer or supplied as part of the attachment.
 - is for FACTORY INSTALLATION only.
 - requires a mast, applicable hydraulic control valve, applicable hose group and the special placard item on order.
 - VOIDS UL APPROVAL.
- See Price List for 5-function option alternatives. For questions or other alternatives, contact SPED.

2 Auxiliary Function Attachment - All internal routing through mast. 1 function hydraulically actuated and 1 function hydraulically controlled via solenoid actuation. Includes necessary electrical cable, 3 function hydraulic hoses, components required for internal routing of electrical cable, and operator control switching for actuation of solenoid.

Requires 3-function valve and 3-function hose group on order.....	Q074-06	\$2,300.	16
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3 Auxiliary Function Attachment - All internal routing through mast. 1 function hydraulically actuated and 2 functions hydraulically controlled via solenoid actuation. Includes necessary electrical cable, 3 function hydraulic hoses, components required for internal routing of electric cable, and operator control switching for actuation of solenoid.

Requires 3-function valve and 3-function hose group on order.....	Q074-07	\$2,400.	16
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4 Auxiliary Function Attachment - 2 functions hydraulically actuated and 2 functions hydraulically controlled via solenoid actuation. Includes necessary electrical cable, 4 function No. 6 hydraulic hoses, cable/hose reels and operator switching for actuation of solenoid.

Requires 4-function valve and 4-function hose group on order.....	Q074-03	\$2,500.	16
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Placard - auxiliary functions. Order to include complete attachment description with hydraulic and electrical functions identified.

Requires special electric attachment group item on order.	Q074-04	N/C.	16
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ELECTRIC CIRCUIT BREAKER

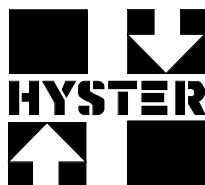
Circuit breakers replace fuses. VOIDS UL APPROVAL	Q041-01	\$370.	12
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EFFECTIVE: 08/01/01

CHALLENGER- 33

REPLACES: 07/16/01



**HYSTER COMPANY
SPED PRICE LIST
APPLICATIONS ENGINEERING DEPARTMENT**

**H135,155XL2
SITDOWN-COUNTERBALANCED
INTERNAL COMBUSTION (IC)
PNEUMATIC TIRE
SERIES CODE F006**

*NOT ENGINEERED special items will INCREASE AVAILABILITY – See INTRODUCTION for complete details.

Description	Item No.	Price	Availability (In Weeks *)
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ENGINE AIR FILTER

Precleaner mounted on overhead guard. Compatible with production Cab

VOIDS UL APPROVAL	Q004-07	\$1,210	12
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Note: Precleaner tube will prevent the left side door from latching in open position.

ENGINE

Severe Duty Engine-GM 4.3L LT – LPG only. For applications where multiple shifts are required with little to no cool down period for lift trucks.

Requires GM LPG engine option on order.....	Q063-01	\$550.	12
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ENGINE SHUTDOWN SYSTEM

High water temperature and low oil pressure conditions. UL APPROVED.

Requires gas engine	Q069-01	\$830.	8
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Requires LP gas engine	Q069-02	\$830.	8
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Requires diesel engine.....	Q069-03	\$830.	8
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Seat actuated if operator does NOT set the park brake. VOIDS UL APPROVAL.

Requires gas engine	Q069-08	\$700.	8
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Requires LP gas engine	Q069-09	\$700.	8
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Requires diesel engine.....	Q069-10	\$955.	8
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Seat actuated if operator does NOT return the column mounted directional control lever to the neutral position.

Requires powershift transmission and column lever options on order. VOIDS UL APPROVAL.

Requires gas engine	Q069-11	\$935.	8
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Requires LP gas engine	Q069-12	\$935.	8
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Requires diesel engine.....	Q069-13	\$935.	8
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ENGINE WARNING SYSTEM

High water temperature and low oil pressure conditions.

Includes warning light and buzzer – VOIDS UL APPROVAL	Q180-01	\$780	10
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EXHAUST SYSTEM

Catalytic muffler replaces standard or catalyst added in exhaust line. VOIDS UL APPROVAL

Requires gas or LP gas engine option on order	Q068-10	\$2,180.	16
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Not Available with Diesel Engine.

Counterweight rear exhaust – VOIDS UL APPROVAL

Requires gas engine option on order	Q068-07	\$1,530.	14
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Requires LPG engine option on order.....	Q068-08	\$1,530.	14
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FILTER

Hydraulic tank breather filter- - 10 micron filter replaces standard	Q120-02	\$210	3
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FIRE EXTINGUISHER

5 lb. dry chemical	Q080-01	\$350.	4
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5 lb. CO ₂	Q080-02	\$520.	4
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10 lb. dry chemical	Q080-03	\$375.	4
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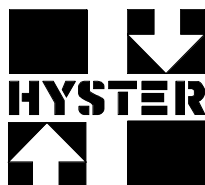
10 lb. CO ₂	Q080-04	\$560.	4
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EFFECTIVE: 08/01/01

CHALLENGER- 34

REPLACES: 07/16/01



HYSTER COMPANY SPED PRICE LIST APPLICATIONS ENGINEERING DEPARTMENT

H135,155XL2
SITDOWN-COUNTERBALANCED
INTERNAL COMBUSTION (IC)
PNEUMATIC TIRE
SERIES CODE F006

*NOT ENGINEERED special items will INCREASE AVAILABILITY – See INTRODUCTION for complete details.

Description	Item No.	Price	Availability (In Weeks *)
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FORK

See Introduction for Notes.

FORK-HOOK TYPE, PALLET STYLE

Specify length in 2" increments on order.

Unit	ITA Class	Section				
H135-155XL2 IV		60mm x 150mm (2.5" x 6")	42"-48".....	Q086-32	\$1,070. pr.	12
			50"-54".....	Q086-33	\$1,160. pr.	12
			56"-60".....	Q086-34	\$1,230. pr.	12
			62"-72".....	Q086-35	\$1,360. pr.	12

FORK-HOOK TYPE, POLISHED & TAPERED STYLE

Specify length in 2" increments on order.

ITA Class	Section	Length			
IV	60mm x 150mm (2.5" x 6")	42" – 48".....	Q380-35	\$1,370. pr.	12
		50" – 54".....	Q380-36	\$1,480. pr.	12
		56" – 60".....	Q380-37	\$1,580. pr.	12
		62" – 72".....	Q380-38	\$1,880. pr.	12

FORK-PIN TYPE, BLOCK STYLE

Does not include spacer group (See FORK SPACER GROUP). For use with SPED Price List block handling attachments ONLY. Contact SPED for all other uses.

1.5" x 2" x 38" Long	Q383-38	\$350. ea	12
1.5" x 2" x 45.5" Long	Q383-45	\$480. ea	12

FORK-PIN TYPE, PALLET STYLE

Specify length in 2" increments on order.

Unit	Section				
H135-155XL2	60mm x 150mm	42".....	Q330-26	\$1,210. pr.	12
	(2.5" x 6")	44"-46".....	Q330-27	\$1,280. pr.	12
		50"-52".....	Q330-28	\$1,340. pr.	12
		56"-58".....	Q330-29	\$1,420. pr.	12
		62"-70".....	Q330-30	\$1,640. pr.	12
		74"-84".....	Q330-31	\$1,770. pr.	12
		86"-94".....	Q330-32	\$1,910. pr.	12

FORK-PIN TYPE, POLISHED & TAPERED STYLE

Specify length in 2" increments on order.

Unit	Section				
H135-155XL2	60mm x 150mm (2.5" x 6")	42"	Q329-24	\$1,320. pr.	12
		44"-46".....	Q329-25	\$1,410. pr.	12
		50"-52".....	Q329-26	\$1,570. pr.	12
		56"-58".....	Q329-27	\$1,570. pr.	12
		62"-72".....	Q329-28	\$1,860. pr.	12

FORK SPACER GROUP

Set of spacers to accommodate 1.5"x2" block forks on 8" centers. Requires special pin type sideshift on order.

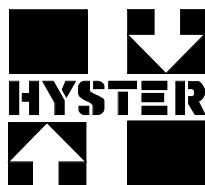
For (6) block forks on 50" or 56" wide sideshift.....	Q045-01	\$270. set	12
For (8) block forks on 60" wide sideshift	Q045-02	\$370. set	12

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EFFECTIVE: 08/01/01

CHALLENGER- 35

REPLACES: 07/16/01



**HYSTER COMPANY
SPED PRICE LIST
APPLICATIONS ENGINEERING DEPARTMENT**

**H135,155XL2
SITDOWN-COUNTERBALANCED
INTERNAL COMBUSTION (IC)
PNEUMATIC TIRE
SERIES CODE F006**

*NOT ENGINEERED special items will INCREASE AVAILABILITY – See INTRODUCTION for complete details.

Description	Item No.	Price	Availability (In Weeks *)
-------------	----------	-------	------------------------------

FOUNDRY CONSTRUCTION

Foundry Package NOT AVAILABLE on units with CAB.

Includes:

- 10 micron hydraulic tank breather filter (see also FILTER)
- 30-45 amp alternator with sealed brushes and bearings with integral regulator (see also ALTERNATOR)
- Overhead mounted precleaner for engine air cleaner (see also ENGINE AIR FILTER)
- Cyclopac type heavy duty air cleaner element (see also ENGINE AIR FILTER)

Options:

- Fire resistant hydraulic fluid (See HYDRAULIC FLUID)
- Magnetic drain plug in hydraulic tank to attract metal particles (See DRAIN PLUG)
- Engine air restriction indicator (see Indicator)

Package:

Requires GM gas or LP gas engine and UL type G or LP options.....	Q349-20	\$1,735.	14
Requires Perkins diesel engine and UL type D options	Q349-24	\$1,315.	14

FUEL INDICATOR-LOW LPG

Requires LP gas engine or dual fuel. UL APPROVED	Q165-01	\$580.	6
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FUEL SYSTEM

Note: CHANGES TO THE FUEL SYSTEM MAY RESULT IN VARIANCES TO PUBLISHED VALUES; CONTACT SPED IF CRITICAL.

Dual fuel – Gas and LP Gas. Includes production LP tank mounting bracket and LP fuel tank. Requires gas engine option on order.....	Q095-04	\$2,305.	18
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LPG hose – stainless steel wire braid. UL APPROVED. Requires LP gas engine option on order.....	Q095-03	\$155.	6
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FUEL TANK

LP gas tank – aluminum. Requires LP gas engine option on order. 43.5# ICC tank	Q060-08	\$600.	12
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GAUGE/METER

Engine Oil Pressure Gauge, Ammeter and Transmission Oil Temperature Gauge in addition to indicator lights. Gauges with Lights.....	Q107-09	\$900.	8
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GROUND STRAP (STATIC STRAP)

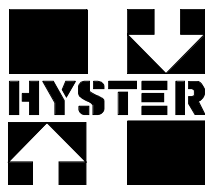
Prevents build up of static electricity on frame and steer axle	Q108-01	\$70.	2
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EFFECTIVE: 08/01/01

CHALLENGER- 36

REPLACES: 07/16/01



**HYSTER COMPANY
SPED PRICE LIST
APPLICATIONS ENGINEERING DEPARTMENT**

**H135,155XL2
SITDOWN-COUNTERBALANCED
INTERNAL COMBUSTION (IC)
PNEUMATIC TIRE
SERIES CODE F006**

*NOT ENGINEERED special items will INCREASE AVAILABILITY – See INTRODUCTION for complete details.

Description	Item No.	Price	Availability (In Weeks *)
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HYDRAULIC CONTROL LEVER

Factory Installed Only. Requires applicable control valve on order. Attachment function identification BEZELS for special auxiliary function lever knobs will NOT be supplied unless a hydraulic attachment is ordered or the functions for an attachment to be installed in the field are supplied on the order.

Key:

E = One Lever with "ELECTRIC SWITCH" for two auxiliary hydraulic functions.

H = One "H-PATTERN" lever for two hydraulic functions.

EH = One "H-PATTERN" lever with "ELECTRIC SWITCH" for three auxiliary hydraulic functions.

1 = One lever for one hydraulic function.

2 = Two levers for two independent hydraulic functions

1+H = Two levers, one independent and one "H-PATTERN", for three auxiliary hydraulic functions.

1+E = Two levers, one independent and one "ELECTRIC SWITCH", for three auxiliary hydraulic functions.

Control	Lift/Tilt	Auxiliary	Total			
3 Funct.	H	1	2	.....	Q338-91	\$725. 10
4 Funct.	H	2	3	.....	Q338-92	\$990. 10
	2	2	4	.....	Q338-22	\$350. 10

HYDRAULIC FITTING-QUICK DISCONNECT

Male and female hydraulic fittings and tubes to allow an attachment to be quickly disconnected from the hydraulic supply for removal. Includes complete quick disconnect fittings for each function. Not normally required for integrally mounted attachments. 4-function disconnect requires 4-function hose group and control valve on order.

Vista 2-Stage Limited Free Lift Mast

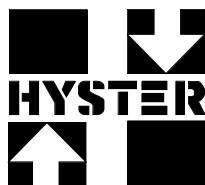
One pair disconnect	-3 Function – High Termination 3 rd function at top right side of carriage		
	Not compatible with sideshift	Q187-16	\$600. 14
	-4 Function – High Termination 4 th function at top left side of carriage.		
	3 rd function used with sideshift.....	Q187-17	\$600. 14
Two pair disconnects	-4 Function - High Termination 3 rd function at top right side and		
	4 th function at top left side of carriage.		
	Not compatible with sideshift	Q187-18	\$1,150. 14

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EFFECTIVE: 08/01/01

CHALLENGER- 37

REPLACES: 07/16/01



**HYSTER COMPANY
SPED PRICE LIST
APPLICATIONS ENGINEERING DEPARTMENT**

**H135,155XL2
SITDOWN-COUNTERBALANCED
INTERNAL COMBUSTION (IC)
PNEUMATIC TIRE
SERIES CODE F006**

*NOT ENGINEERED special items will INCREASE AVAILABILITY – See INTRODUCTION for complete details.

Description	Item No.	Price	Availability (In Weeks *)
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Vista 3-Stage Full Free Lift Mast

One pair disconnect -3 Function– High Termination 3 rd function at top right side of carriage Not compatible with sideshift	Q187-22	\$570.	14
-4 Function– High Termination 4 th function at top left side of carriage. 3 rd function used with sideshift.....	Q187-23	\$570.	14
Two pair disconnects -4 Function High Termination 3 rd function at top right side and 4 th function at top left side of carriage. Not compatible with sideshift.	Q187-24	\$825.	14

HYDRAULIC FLUID

Houghtosafe Safe - Fire resistant;

All internal combustion units require powershift transmission option on order.

FACTORY INSTALLED. CANNOT BE INSTALLED ON STOCK BASIC...Q140-01	\$2,880.	18
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Contact SPED for a quoted mast to replace standard mast.

HYDRAULIC PRESSURE REGULATOR

3-position with gauge - used to regulate the pressure in the hydraulic attachment clamping circuit.

1st & 2nd positions are 50-1000 psi and the 3rd position is 500-3000 psi.

Requires applicable control valve and hose group on order.....	Q203-01	\$2,250.	12
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HYDRAULIC VALVE-LOAD PROTECTOR

Prevents lift chains from going slack after depositing a load with a clamping type attachment.

Load protector	Q348-01	\$1,760.	10
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INDICATOR

Air restriction indicator.....	Q126-02	\$130.	4
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LIGHT

DOMELIGHT – Requires Cab option on order. VOIDS UL APPROVAL ...Q164-03	\$230.	8
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LIGHT-HEAD

NOT AVAILABLE with Price List light options (consult Truck Price List for light options offered prior to quoting to a customer).

UL APPROVED for all classifications. Maximum order quantity is 2 per truck.

Headlight – separate witch actuated	Q401-01	\$270. ea.	8
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LIGHT-REAR DRIVING

NOT AVAILABLE with Price List light options (consult Truck Price List for light options offered prior to quoting to a customer).

UL APPROVED for all classifications. Maximum order quantity is 2 per truck.

Rear drive light – separate witch actuated	Q402-01	\$270. ea.	8
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LIGHT-STOP & TAIL

NOT AVAILABLE with Price List light options (consult Truck Price List for light options offered prior to quoting to a customer).

UL APPROVED for all classifications. Maximum order quantity is 2 per truck.

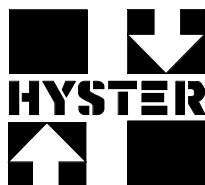
Stop/Tail light – separate witch actuated	Q403-01	\$265. ea.	8
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EFFECTIVE: 08/01/01

CHALLENGER- 38

REPLACES: 07/16/01



HYSTER COMPANY **SPED PRICE LIST** **APPLICATIONS ENGINEERING DEPARTMENT**

H135,155XL2
SITDOWN-COUNTERBALANCED
INTERNAL COMBUSTION (IC)
PNEUMATIC TIRE
SERIES CODE F006

*NOT ENGINEERED special items will INCREASE AVAILABILITY – See INTRODUCTION for complete details.

Description	Item No.	Price	Availability (In Weeks *)
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LIGHT-STROBE

Continuous strobe, key switch actuated, UL APPROVED.

Overhead guard top mounted – increases truck height approximately 7".

Red.....	Q393-13	\$580.	12
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Amber.....	Q393-14	\$580.	12
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Mounted below overhead guard top.

Red.....	Q393-15	\$580.	12
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Amber.....	Q393-16	\$580.	12
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LIGHT-TURN SIGNAL

2 front and 2 rear turn signals. Available with headlight item Q401-01 and/or rear drive light item Q402-01.

Includes 2 stop/tail lights - VOIDS UL APPROVAL	Q404-02	\$950.	12
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2 rear turn signals. Available with rear drive light item Q402-01.

Includes 2 stop/tail lights - UL APPROVED	Q404-03	\$800.	12
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LOAD BACKREST EXTENSION

See Introduction for Notes.

Carriage or Attachment Width	Height 72"		
48"	Q166-41 \$525.		14
54-56"	Q166-42 \$550.		14
60"-62"	Q166-43 \$585.		14
78"	Q166-44 \$650.		14

LUBRICANT/COATING

Electrical terminals sprayed with waterproof plastic	Q145-01	\$270.	6
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Unpainted parts coated with low temperature grease.....	Q145-02	\$270	6
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Lift chains saturated with low temperature grease

Requires mast on order	Q145-03	\$270	6
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MAST TILT

Bottler's Tilt – Not Available with clamping attachments

Production tilt cylinder rod ends replaced with special rod ends. 10 degrees forward, 5 degrees back tilt.

Installed	Q285-17	\$450. pr.	4
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Tilt Limit System – mast forward tilt restricted to zero degree at any lift height unless overridden by operator.

VOIDS UL APPROVAL	Q285-10	\$2,010	16
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MAST TILT - LIMITER

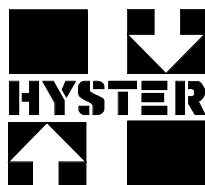
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EFFECTIVE: 08/01/01

CHALLENGER- 39

REPLACES: 07/16/01



HYSTER COMPANY SPED PRICE LIST APPLICATIONS ENGINEERING DEPARTMENT

**H135,155XL2
SITDOWN-COUNTERBALANCED
INTERNAL COMBUSTION (IC)
PNEUMATIC TIRE
SERIES CODE F006**

*NOT ENGINEERED special items will INCREASE AVAILABILITY – See INTRODUCTION for complete details.

Description	Item No.	Price	Availability (In Weeks *)
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MAST TILT- LIMITER BACK/FORWARD

Back and Forward tilt limiters are available in one-degree increments within the range shown. Specify the required degree of back/forward tilt on order. Consult the Industrial Truck Price List for production offering and usage restrictions before quoting. NOTE that if total degrees of tilt sums up greater than maximum P.L. total tilt, contact SPED for approval (i.e. 7° Forward + 8° Back = 15° Total tilt). FACTORY INSTALLED.

Minimum	Maximum			
0°	6°	Back Tilt.....	Q287-01	\$340. pr. 8
0°	6°	Forward Tilt	Q288-01	\$340. pr. 8

MAST TILT INDICATOR

Mechanical linkage system to indicate when the mast is vertical	Q286-01	\$790.	8
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MAST TILT SPEED

Speed restrictor for use with load sustaining attachments to improve dynamic stability conditions.

Fitting type restrictor.....	Q096-02	\$225.	8
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MIRROR

Price list cab options do not include this mirror.

Rearview mirror. NOT intended for reverse driving.	Q177-01	\$150.	8
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NAMEPLATE

Additional Nameplate FACTORY INSTALLED. Nameplates will be provided with one load center giving the rating at maximum fork height and the maximum possible rating at a lower fork height. For NOT INSTALLED nameplates, submit "DEALER REQUEST FOR NAMEPLATE" form.

Metric Values with English Values Referenced	Q198-03	\$75 net	4
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OPERATOR SHIELD

Lexan Windshield mounted between front overhead guard legs.

Requires restricted back tilt; contact SPED.	Q132-01	\$850.	12
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OVERHEAD GUARD

(See Introduction for Notes)

Wire Mesh added to top increases height approximately 3/8".

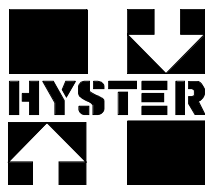
Order for standard or special overhead guard.	Q153-01	\$560.	10
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EFFECTIVE: 08/01/01

CHALLENGER- 40

REPLACES: 07/16/01



HYSTER COMPANY SPED PRICE LIST APPLICATIONS ENGINEERING DEPARTMENT

H135,155XL2
SITDOWN-COUNTERBALANCED
INTERNAL COMBUSTION (IC)
PNEUMATIC TIRE
SERIES CODE F006

*NOT ENGINEERED special items will INCREASE AVAILABILITY – See INTRODUCTION for complete details.

Description	Item No.	Price	Availability (In Weeks *)
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PAINT

ONE COLOR-Lead/Chromate free enamel paint on all normally painted exterior surfaces only. Exterior paint may be applied over standard color prepainted surfaces. Does NOT include interior surfaces. Paint color panel/chip must accompany orders for Non-Hyster colors. Hyster paint vendor to match color. Contrasting features, color and decals provided at Hyster's discretion. Hyster reserves the right to reject requirements for UNUSUAL NON-STANDARD Paints, PAINT SCHEMES or paints requiring SPECIAL APPLICATION TECHNIQUE. For paint schemes not listed or for special colors on NOT INSTALLED options pr special items, contact SPED.

Specify one paint color number for each item ordered.

Color Number: 1 = Hyster yellow

2 = Hyster white

3 = Hyster red

4 = Hyster black

5 = Non-Hyster color. Requires color panel/chip with order!

Orders received without such will be delayed!

Complete Truck (not forks or cab)-replace standard colors.....	Q191-08	\$1,145.	Prod.+2
Chassis/counterweight/hood -replace yellow & black	Q191-09	\$705.	Prod.+2
Chassis/counterweight/hood -replace yellow only.....	Q191-10	\$670.	Prod.+2
Chassis/counterweight/hood -replace black only	Q191-11	\$350.	Prod.+2
Overhead Guard -replace black only	Q191-05	\$160.	Prod.+2
Cab -replace standard color	Q191-07	\$230.	Prod.+2
Wheels -replace standard color	Q191-12	\$160.	Prod.+2
Mast/carriage/attachment -replace standard color	Q191-13	\$500.	Prod.+2
Load Backrest -replace standard color	Q191-14	\$120.	Prod.+2
Forks -replace standard color	Q191-06	\$130. pr.	Prod.+2

RAIN TOP

Plexiglas Rain Top mounted to top of overhead guard.....	Q238-01	\$565.	14
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SEAT

FABRIC COVERED replacing vinyl covered non-suspension seat. Not recommended for outdoor applications without a cab. Includes seat adjustment and operator restraints.

Requires non-suspension seat option on order	Q252-01	\$75.	12
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SEAT-LOW PROFILE

Low profile seat replacing standard seat increases operator head clearance approximately 1".

Requires non-suspension seat option on order.

Vinyl covering	Q397-02	\$850.	12
Fabric covering.....	Q397-03	\$850.	12

SEAT-SUSPENSION

Grammer GS-12 semi-suspension seat, replacing standard non-suspension seat. Reduces the operator's head clearance approximately 1-1/2". Consult technical guide for head clearance information. OSHA recommended operator clearance from depressed seat to underside of overhead guard is 39" minimum. Includes seat adjustment and operator restraints.

Requires standard non-suspension seat option referenced on order.

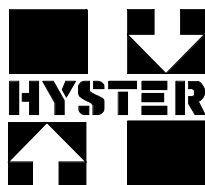
VINYL COVERED SEAT.....	Q398-06	\$575	12
FABRIC COVERED SEAT	Q398-07	\$615.	12
(Not recommended for outdoor applications without a cab.)			

Prices, availability, and lead times are subject to change without notice. The pricing, availability, and lead time information contained in NOMS and HERO is the correct and current information. Be sure to download your HERO price book at least once a week. It is also recommended that you verify quotes against the HERO information before giving them to a prospective customer.

EFFECTIVE: 08/01/01

CHALLENGER- 41

REPLACES: 07/16/01



HYSTER COMPANY **SPED PRICE LIST** **APPLICATIONS ENGINEERING DEPARTMENT**

H135,155XL2
SITDOWN-COUNTERBALANCED
INTERNAL COMBUSTION (IC)
PNEUMATIC TIRE
SERIES CODE F006

*NOT ENGINEERED special items will INCREASE AVAILABILITY – See INTRODUCTION for complete details.

Description	Item No.	Price	Availability (In Weeks *)
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TRANSMISSION

Auxiliary transmission oil cooler.

Requires powershift transmission option and restricted back tilt on order..	Q297-03	\$850.	12
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TIRE GROUP

See Introduction for Notes.

PNEUMATIC SHAPE SOLID DUAL DRIVE AND STEER GROUP (set of 6)

Includes wheels and spacers. Requires standard tires options on order.

Monarch Mono-matic (Red Label) - 8.25 x 15	Q072-01	\$3,400. set	10
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Monarch Mono-matic Soft Shoe (White label) - 8.25 x 15	Q072-02	\$3,845. set	10
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PNEUMATIC DUAL DRIVE AND STEER GROUP (set of 6) Includes wheels & spacers. Requires standard tire options on order.

Michelin XZM Radial – 8.25R15.....	Q070-01	\$2,250. set	14
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TRACTION SPEED LIMIT

Traction speed limited to approximately 8.0 MPH when traveling in either forward or reverse. Proximity sensor monitors frequency of the differential gear teeth. When truck is traveling faster than 8.0 MPH, speed is limited by activating a sensor that controls the engine electronic governor. Full throttle is available provided the truck is traveling less than 8.0 MPH. Requires GM gasoline or LPG engine (with MSTs ignition) and powershift transmission on order.

VOIDS UL APPROVAL.....	Q262-06	\$1,900.	18
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Engine governed at reduced level to limit travel speed and reduce noise levels. Maximum engine RPM will be governed to reduced level by replacing standard electronic governor with special governor. Maximum travel, lift, and attachment speeds will be reduced from published specifications shown in technical guides. Requires GM engine option on order.

2300 RPM maximum.....	Q262-08	\$500.	Prod. + 2
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2100 RPM maximum.....	Q262-09	\$500.	Prod. + 2
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1900 RPM maximum.....	Q262-10	\$500.	Prod. + 2
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High gear blocked out to limit travel speed. Physically limits ability to shift into high gear range. Consult the truck spec sheet for maximum speed in low range.

Requires 2-speed powershift transmission on order.....	Q262-05	\$235.	6
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WARNING SYSTEM

BACKUP ALARM. Alarm sounds when key is on and direction control is in reverse mode only.

Requires powershift transmission option on order.....	Q222-14	\$500.	12
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BELL-WHEEL MOUNTED

Sounds when truck is traveling in reverse. Extends 3" beyond wheel.....	Q222-08	\$480	12
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ALARM-SEAT ACTUATED

Alarms sounds when operator leaves the seat without setting the park brake. Deactivates when park brake is set.

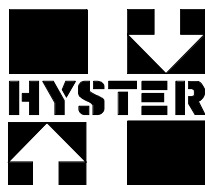
VOIDS UL APPROVAL	Q222-12	\$430	12
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EFFECTIVE: 08/01/01

CHALLENGER- 42

REPLACES: 07/16/01



HYSTER COMPANY SPED PRICE LIST APPLICATIONS ENGINEERING DEPARTMENT

**H170,190,210,230,250,280HD
SITDOWN-COUNTERBALANCED
INTERNAL COMBUSTION (IC)
PNEUMATIC TIRE
SERIES CODE F007**

*NOT ENGINEERED special items will INCREASE AVAILABILITY – See INTRODUCTION for complete details.

Description	Item No.	Price	Availability (In Weeks *)
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F007 – H170, 190,210,230,250,280HD

AXLE OPTIONS

Axle-Heavy Duty Axle Ends-Wheel End Swap-H300-360HD Axle Ends on the H170-280 Axle.

For Dry Brakes	Q057-10	\$7,570	25
For Wet Brakes	Q057-11	\$8,005	25

CAB ACCESSORY

Cab Accessory - Noise Reduction to 72dBa.....	Q305-01	\$1,575.	12
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HOOD

Hood Locks	Q098-02	\$300.	12
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LOAD BACKREST

Double Height Load Backrest -For use in transporting empty shipping containers two high on forks.

H280HD only. Contact Applications Engineering

MAST

See Introduction for Notes.

3-Stage Full Free-Lift (VISTA)..... Contact Applications Engineering

MAST TILT-LIMITER BACK/FORWARD

See Introduction for Notes.

Back and Forward tilt limiters are available in one-degree increments within the range shown. Specify the required degree of back/forward tilt on order. Consult the Industrial Truck Price List for production offering and usage restrictions before quoting. NOTE that if total degrees of tilt sums up greater than maximum P.L. total tilt, contact SPED for approval (i.e. 7° Forward + 8° Back = 15° Total tilt). FACTORY INSTALLED.

Minimum	Maximum			
5°	15°	Back Tilt.....	Q287-01	\$270. pr. 12
0°	20.5°	Forward Tilt	Q288-01	\$380. pr. 12

NAMEPLATE

Additional Nameplate FACTORY INSTALLED. Nameplates will be provided with one load center giving the rating at maximum fork height and the maximum possible rating at a lower fork height. For NOT INSTALLED nameplates, submit "DEALER REQUEST FOR NAMEPLATE" form.

Metric Values with English Values Referenced	Q198-03	\$75 net	8
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PAINT

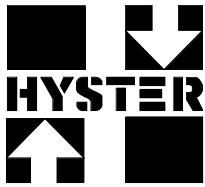
ONE COLOR-Lead/Chromate free enamel paint on all normally painted exterior surfaces only. Exterior paint may be applied over standard color prepainted surfaces. Does NOT include interior surfaces. Paint color panel/chip must accompany orders for Non-Hyster colors. Hyster paint vendor to match color. Contrasting features, color and decals provided at Hyster's discretion. Hyster reserves the right to reject requirements for UNUSUAL NON-STANDARD Paints, PAINT SCHEMES or paints requiring SPECIAL APPLICATION TECHNIQUE. For paint schemes not listed or for special colors on NOT INSTALLED options pr special items, contact Applications Engineering.

Prices, availability, and lead times are subject to change without notice. The pricing, availability, and lead time information contained in NOMS and HERO is the correct and current information. Be sure to download your HERO price book at least once a week. It is also recommended that you verify quotes against the HERO information before giving them to a prospective customer.

EFFECTIVE: 10/01/01

CHALLENGER- 43

REPLACES: 08/01/01



**HYSTER COMPANY
SPED PRICE LIST
APPLICATIONS ENGINEERING DEPARTMENT**

**H170,190,210,230,250,280HD
SITDOWN-COUNTERBALANCED
INTERNAL COMBUSTION (IC)
PNEUMATIC TIRE
SERIES CODE F007**

*NOT ENGINEERED special items will INCREASE AVAILABILITY – See INTRODUCTION for complete details.

Description	Item No.	Price	Availability (In Weeks *)
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Specify one paint color number for each item ordered.

Color Number: 1 = Hyster yellow
2 = Hyster white
3 = Hyster red
4 = Hyster black
5 = Non-Hyster color. Requires color panel/chip with order! Orders received without such will be delayed!

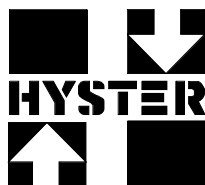
Complete Truck (not forks or cab)-replace standard colors.....	Q191-08	\$4,635.	Prod.+6
Chassis/counterweight/hood -replace yellow only.....	Q191-10	\$2,435.	Prod.+6
Overhead Guard/Cab -replace black only(outside only)	Q191-05	\$710.	Prod.+6
Wheels -replace standard color	Q191-12	\$355.	Prod.+6
Mast/carriage/attachment -replace standard color	Q191-13	\$1,965	Prod.+6
Forks -replace standard color	Q191-06	\$190.	Prod.+6

Prices, availability, and lead times are subject to change without notice. The pricing, availability, and lead time information contained in NOMS and HERO is the correct and current information. Be sure to download your HERO price book at least once a week. It is also recommended that you verify quotes against the HERO information before giving them to a prospective customer.

EFFECTIVE: 10/01/01

CHALLENGER- 44

REPLACES: 08/01/01



HYSTER COMPANY SPED PRICE LIST APPLICATIONS ENGINEERING DEPARTMENT

**H300,330,360HD
SITDOWN-COUNTERBALANCED
INTERNAL COMBUSTION (IC)
PNEUMATIC TIRE
SERIES CODE E019**

*NOT ENGINEERED special items will INCREASE AVAILABILITY – See INTRODUCTION for complete details.

Description	Item No.	Price	Availability (In Weeks *)
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E019 – H300, 330, 360HD

CAB ACCESSORY

Cab Accessory - Noise Reduction to 72dBa.....	Q305-01	\$1,575.	12
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HOOD

Hood Locks.....	Q098-02	\$300	12
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LOAD BACKREST

Double Height Load Backrest -For use in transporting empty shipping containers two high on forks.
H300-360HD only. Contact Applications Engineering

MAST

See Introduction for Notes.

3-Stage Full Free-Lift (VISTA)..... Contact Applications Engineering

MAST TILT-LIMITER BACK/FORWARD

See Introduction for Notes.

Back and Forward tilt limiters are available in one-degree increments within the range shown. Specify the required degree of back/forward tilt on order. Consult the Industrial Truck Price List for production offering and usage restrictions before quoting. NOTE that if total degrees of tilt sums up greater than maximum P.L. total tilt, contact SPED for approval (i.e. 7° Forward + 8° Back = 15° Total tilt). FACTORY INSTALLED.

Minimum	Maximum			
5°	15°	Back Tilt.....	Q287-01	\$270. pr. 12
0°	20.5°	Forward Tilt	Q288-01	\$380. pr. 12

NAMEPLATE

Additional Nameplate FACTORY INSTALLED. Nameplates will be provided with one load center giving the rating at maximum fork height and the maximum possible rating at a lower fork height. For NOT INSTALLED nameplates, submit "DEALER REQUEST FOR NAMEPLATE" form.

Metric Values with English Values Referenced	Q198-03	\$75 net	8
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PAINT

ONE COLOR-Lead/Chromate free enamel paint on all normally painted exterior surfaces only. Exterior paint may be applied over standard color prepainted surfaces. Does NOT include interior surfaces. Paint color panel/chip must accompany orders for Non-Hyster colors. Hyster paint vendor to match color. Contrasting features, color and decals provided at Hyster's discretion. Hyster reserves the right to reject requirements for UNUSUAL NON-STANDARD Paints, PAINT SCHEMES or paints requiring SPECIAL APPLICATION TECHNIQUE. For paint schemes not listed or for special colors on NOT INSTALLED options pr special items, contact Applications Engineering.

Specify one paint color number for each item ordered.

Color Number: 1 = Hyster yellow

2 = Hyster white

3 = Hyster red

4 = Hyster black

5 = Non-Hyster color. Requires color panel/chip with order! Orders received without such will be delayed!

Complete Truck (not forks or cab)-replace standard colors.....	Q191-08	\$4,635.	Prod.+6
Chassis/counterweight/hood -replace yellow only.....	Q191-10	\$2,435.	Prod.+6
Overhead Guard/Cab -replace black only(outside only)	Q191-05	\$710.	Prod.+6
Wheels -replace standard color	Q191-12	\$355.	Prod.+6
Mast/carriage/attachment -replace standard color	Q191-13	\$1,965.	Prod.+6
Forks -replace standard color	Q191-06	\$190.	Prod.+6

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EFFECTIVE: 10/01/01

CHALLENGER- 45

REPLACES: 08/01/01