



HOT TOPIC

July 2007

HYSTER STILL THE REIGNING CHAMP *Toyota® 8 Series Comes up Weak*

The Hyster Fortis® is a tough, cost effective, and reliable truck — giving customers the value they demand. After more than five years in development, Toyota's new offering, the 8 Series still doesn't have the muscle to move loads like the Fortis and here are just a few reasons why:

Round 1

Tough

Hyster has a **variety of engine and transmission combinations** to ensure that the power of the truck matches the job — even the most heavyweight. Plus, our multiple transmission offerings and outstanding cooling allow for **superior draw bar pull**, providing more load moving power for an extended period of time.



Round 2

Cost Effective

Hyster delivers a knock-out punch by offering highly fuel efficient engines and DuraMatch transmissions with standard ADS, providing substantial savings in tire, brake, and fuel costs. Fortis trucks have **Continuous Fault Monitoring and On-Board Diagnostics** that are **standard** in every truck. These advanced features alert you to service needs and help identify fault codes so repairs can be made quickly and accurately **maximizing uptime and throughput!**

Round 3

Reliable

Toyota is down for the count when compared to the Fortis. Standard features like **hydraulic systems** with leak-free ORFS fittings, **simplified wiring** with double-sealed IP66 connectors, and **superior cooling capacity** result in outstanding reliability and durability. **Advanced electronic controls** monitor coolant and transmission temps and adjust truck performance to **protect against overheating and overloading**. When it comes to reliability **Fortis is the CHAMP!**

Hyster Fortis by a Knockout!
The Champion of Tough, Cost Effective, and Reliable Lift Trucks

Hyster® Key Specs

		5000 lbs. (nominal capacity)						6000 lbs. (nominal capacity)			
Cushion		Toyota FGCU25		Hyster Fortis® S50FT				Toyota FGCU30		Hyster Fortis® S60FT	
		Series 7 4-Y engine Powershift	Series 8 4Y-ECS Powershift	2.0L Gas Basic Powershift	2.2L Gas Basic Powershift	2.2L Gas DuraMatch 100	2.4L Gas DuraMatch 100	Series 7 4-Y Engine Powershift	Series 8 4Y-ECS Powershift	2.2L Gas DuraMatch 100	2.4L Gas DuraMatch 100
Power*	hp @ rpm	47@2300	51@2570	46@2600	50@2600	50@2600	63@2600	47@2300	51@2570	50@2600	63@2600
Torque	lb-ft	118@1800	118@2100	93@1800	101@1800	101@1800	124@2650	118@1800	118@2100	101@1800	124@2650
Load Distance	in	16.7		14.9				17.7		15.2	
Wheelbase	in	55.5	58.5	56.3				55.5	58.5	56.3	
Length to Face of forks	in	93.7		89.8				97.4		92.8	
Outside Turning Radius	in	77.6		78.7				80.0		81.3	
Right Angle Stacking Aisle	in	94.3		93.6				97.5		96.5	
Travel Speed - Loaded	mph	10.6		10.6	10.6	10.6	10.7	10.6		10.5	10.7
Lift Speed - Loaded	fpm	118	124	92	110	110	119	100	102	97	104
DBP max **	lb-ft	4200		4594	4955	4955	5416	4200		4917	5404
Gradeability Max ***	%	31		28	31	31	34	25		26	29
Weight	lbs	8219	8000	8621				9500	9300	9838	
Pneumatic		Toyota FGU25		Hyster Fortis® H50FT				Toyota FGU30		Hyster Fortis® H60FT	
Power*	hp @ rpm	47@2300	51@2570	50@2600	54@2600	54@2600	63@2600	51@2300	59@2570	54@2600	63@2600
Torque	lb-ft	118@1800	118@2100	101@1800	115@1800	115@1800	124@2650	118@2650	122@2570	115@1800	124@2650
Load Distance	in	18.5		18.5				19.1	19.7	18.8	
Wheelbase	in	63.0	65.0	63.9				66.9		63.9	
Length to Face of forks	in	102.6	103.9	100.7				108.1	110.0	103.7	
Outside Turning Radius	in	87.5		87.2				92.5		89.7	
Right Angle Stacking Aisle	in	105.9		105.7				110.0	111.4	108.5	
Travel Speed - Loaded	mph	10.9		11.2	11.2	11.2	11.6	11.0	11.2	11.2	11.6
Lift Speed - Loaded	fpm	118		111	111	111	119	100		97	104
DBP max **	lb-ft	4200	4250	4144	4506	4506	4950	4050	4400	4468	4933
Gradeability Max ***	%	30	34	26	28	28	35	26		23	30
Weight	lbs	8360	7840	8730				9590	9340	9763	

*Specifications for gasoline engine. May not match information in Hyster Technical Guide for LPG versions. **Maximum drawbar pull at stall. May not match information in Hyster Technical Guide which measures drawbar pull at 1MPH travel speed. ***Maximum gradeability at stall. May not match information in Hyster Technical Guide which measures maximum gradeability at 1MPH travel speed.