

PRODUCT INFORMATION BULLETIN

D/C # 16

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Date: August 11, 2003

TO: ALL HYSTER DEALER PRINCIPALS, SALES MANAGERS, & SALES REPRESENTATIVES

FROM: GEORGE MARSHALL – DIRECTOR, BIG TRUCKS

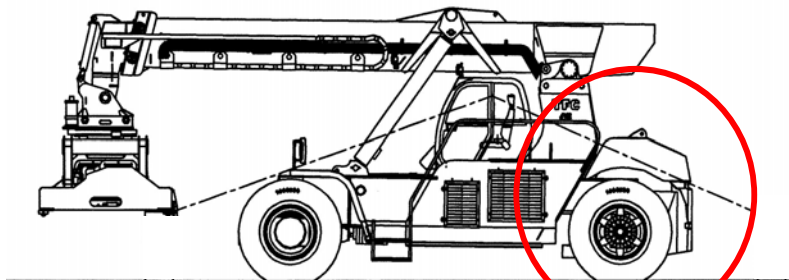
SUBJ: Yardmaster Counterweight Improvement

As a result of Hyster Company's continuous product improvement process, a new optimized shape counterweight is being provided on all 2003 built YardMaster products.

This new counterweight provides the operator with greatly improved rearward visibility and is standard on all YardMaster reach stacker models for laden container handling. Models HR45-25, HR45-31, HR45-40S, HR45-36L and HR45-40LS.

As we begin to introduce the benefits of this design to our customers, we wish to ensure that you have the interim marketing tools for this series. To this end please find the following information attached.

- A complete set of standard price pages for this product series. In the near future we will be providing the formal distribution of these pages, however they will be available on-line at www.hysterusa.com immediately. These price pages will be effective today, Monday August 11, 2003. **Please remember to refresh HERO by selecting the "completely reload tables" option in the download area of the price book thereby activating this series.**



Old style counterweight

New style counterweight

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Five-High 9'6" Stacking Option on 'L' and 'LS' Models

Standard equipped **HR45-36L and HR45-40LS** models, have a stacking capability of 5-high 8' 6" high containers or 4-high 9' 6", all in 1st container row. As an **option** these models can now be equipped with a **longer boom** to provide **5-high 9' 6"** high container stacking in the 1st row. Models HR45-25, HR45-31 and HR45-40S already had, as standard, a telescoping boom for 5-high stacking of 9' 6" high containers, in the 1st container row.

Lower Emissions – Tier 2 Engine

All models have the new Cummins QSM 11-290 engine. This electronic turbocharged diesel engine conforms to Tier 2 North American standards regarding exhaust emissions.

- Maximum performance of this industrial diesel engine has increased to **320 hp @ 1800 rpm** (*the previous QSM 11 engine was 290 hp @ 2100 rpm*)
- Maximum torque has gone up to **1093 ft/lbs @ 1400 rpm** (previously 980 ft/lbs @ 1300 rpm).
- Fuel consumption is expected to be lower by 3 %.
- The QSM 11 engine has a protection device (reducing engine revolutions and power output) on set parameters for: oil level, oil pressure, coolant temperature, turbo inlet air temperature and maximum engine revolutions.

Additional Improvements

- Net lifting capacity at 5-high 9'6" (so at full lift height) in the 1st row has increased from 35 ton, to **42 ton!**
Note: The 5-high 9'6" stacking boom is optional on HR45-36L and HR45-40LS.
- In-cab noise level has been **reduced** by a significant **3 dbA**. The new exhaust system includes an improved muffler and the exhaust pipe has been extended way above the cab. (See photo of right hand truck on page 1).
- Fuel tank capacity increased to **137 gallons!** (previously 105 gallons, a 30% increase)
- Improved access to radiator and fan, by the use of hinged panels on left hand side of the chassis, plus an access panel in the left rear wheel well. In addition to detail changes to several covers providing improved service access.
- Reinforced steer axle is now standard on the HR45-25. (Previously only the higher capacity models had the reinforced steer axle).
- Improved on-off access for the operator by enhanced steps and handrails.

We are excited about the release of these very important design improvements and the many opportunities and competitive advantages these trucks will provide you. For further information, please contact your Hyster Field Sales Manager or the Greenville Big Truck Team

As always, we appreciate the support of our distribution network and the sales organization.

Sincere Regards,



George Marshall
Director – Big Trucks

The information contained in this bulletin is for information purposes only, Hyster Company reserves the right to change the design of our products without incurring an obligation to modify previously manufactured products.

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