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MOVING MAST INDOOR REACH TRUCK PRODUCT BROCHURE

R1.4-2.5 SERIES



LOW COST OF OWNERSHIP



PRACTICAL AND DURABLE

High quality materials matched with easy service access allows for efficient maintenance and repairs, helping minimize downtime and maintain high productivity.

- Hinged door gives easy service access to motors, hydraulics and other components
- Greased for “life” mast rollers
- Basic display provides critical status of components and error codes
- Single plug-in service access point for truck diagnostics
- Laptop to PC service tool for service technicians
- Diagnostic plug-in point on standard and premium displays
- Double wired CANbus and controllers
 - Easy access
 - Easy identification of possible component and wire harness failures
- 100% leak free quick disconnect hydraulic fittings
- 3,000-hour hydraulic oil and filter service interval; 7,500-hour transmission oil change

FOR DEMANDING OPERATIONS EVERYWHERE

With seven models ranging from 3,000-5,500 lb capacities, five chassis shapes and many other options, you can tailor your moving mast reach to meet your operational demands.

MAST OPTIONS

Based on computer aided FEA (Finite Element Analysis), the mast comes in two options: three-stage standard and heavy duty. Both are available in an extensive range of mast lift heights from 183" to 551" to meet operational requirements and share the following features:

- Unique channel design
- Increased visibility through reduced total channel width
- Residual capacity maintained to higher heights
- Stability at high reach

The robust mast design and carriage construction provides high residual capacities and stable load handling throughout the height range.

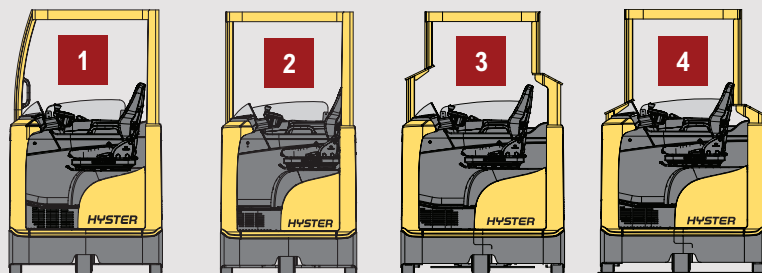
- Increased operator confidence when handling high loads
- Faster put away and retrieval times
- Enhanced h1:h3 ratio, lifting to a higher maximum level with a lower closed height making it easier to drive through doorways and warehouse tunnels
- Auto sideshift and auto fork leveling for TouchPoint mini-levers and optional joystick

EXTENDABLE FORKS: DOUBLE DEEP OPTION

- Hydraulically operated fork attachment
- Extends forks/load into a second deep storage location in the racking
- Up to 30% increase in storage capacity while maintaining operational flexibility for other in-aisle traffic

OVERHEAD GUARD OPTIONS

- 1** Standard width compartment
- 2** Narrow compartment (only for R1.6N)
- 3** Drive-in width: 36.6" (930 mm), height: 66.9" (1700 mm); also for R1.6N
- 4** Drive-in width: 36.6" (930 mm), height: 55.1" (1400 mm); also for R1.6N



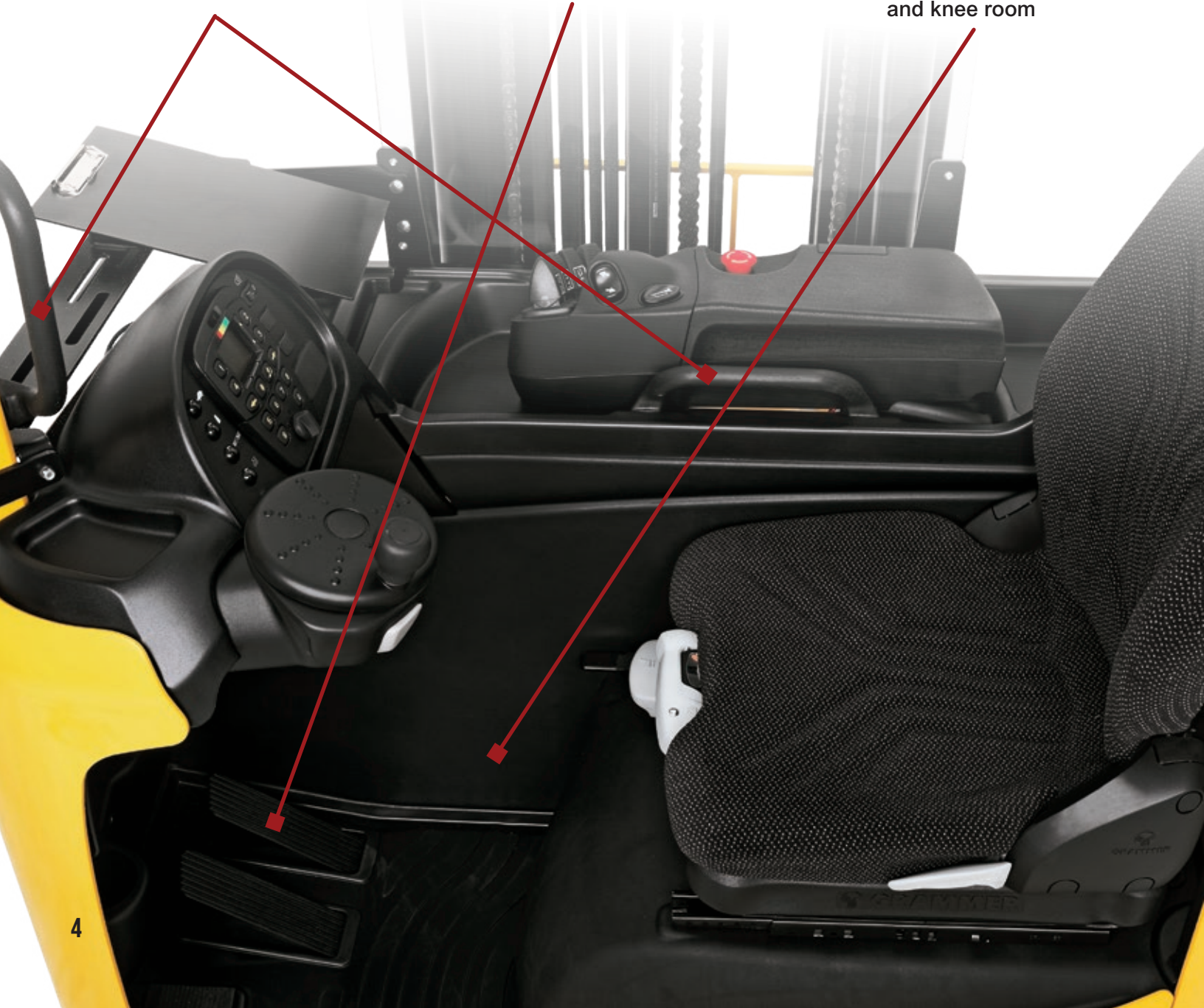
EXCEPTIONAL ERGONOMICS

Designed for a comfortable, productive driving experience, the ergonomically designed operator compartment provides great visibility and maneuverability.

Easy reach grab handles to help provide three-point entry

Widely spaced pedal arrangement with increased side clearance

Generous foot space and knee room





OPTIONAL JOYSTICK

- Simple, integrated control
 - Comfortable, contoured shape that matches natural resting of the hand
 - Maximum grip surface
 - Fingertip mini-joystick control
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ARM REST / TOUCHPOINT MINI LEVER MODULE

- Angled and contoured arm rest for increased operating comfort
 - Incorporates mini-lever control
 - Integrated function control buttons
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ENHANCED VISIBILITY

- Lowered bulkhead
 - Visibility through and around the mast
 - Intelligent positioning of free lift cylinder
 - Enhanced visibility decreases neck, head and shoulder fatigue during operation
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ADJUSTABLE STEERING COLUMN

- Mounted directly onto chassis
 - Sturdy slider mechanism (tested to withstand downward force of 550 lb)
 - Extendable column for easy "on/off" access and operator positioning
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ENHANCED PRODUCTIVITY

Warehouse operations are constantly under pressure to deliver more swiftly and more cost effectively. Our moving mast reach trucks have been optimized to meet these challenges.



HIGH-POWERED AND CUSTOMIZABLE PERFORMANCE

ECO-eLo performance mode

Drive down operating costs by switching to Energy Efficiency Mode and reduce energy consumption by up to 20% without affecting productivity. This ECO-eLo mode provides minimum fuel consumption without losing productivity.

Adjustable speed reduction

- Enhanced straight line travel
- Stable maneuverability on cornering

Faster cycle times

- The traction motor gives powerful acceleration with a travel speed of up to 8.7 mph.
- The mast delivers 143 ft. per minute lift speeds, with certain masts lifting up to 551 in.

Auto regenerative and load wheel braking

- Automatic braking when changing direction
- Self-adjusting load wheel brake system – eliminates brake pads, hydraulic oil change and piping

PRODUCTIVE OPERATING TOOLS

- Height pre-selection option
 - Driver assist feature for higher lifts
 - Increase in load handling
 - Helps to prevent damaged loads and racks
- Auto leveling and centering forks
 - Levels fork at the push of a button
 - Reduces chance of load damage/spillage
- Visual laser positioning system
 - Visual aid to position forks at height
 - Provides 31 in (800 mm) wide laser line
 - Easy load pick-up at height
- Adjustable steering allows easier operation and more control in narrow aisles:
 - Standard: 180°
 - Option 1: 180°/360°
 - Option 2: 360°
- Side extraction quick-change battery helps to maximize uptime.
- Optional, fully-insulated cold store cabin maintains an optimum temperature for the operator.


ADVANCED DISPLAY

- Continuous height measuring from ground up by lift height indicator shown on the display
- All relevant operating conditions visible on one screen
- Easy access push buttons and switches
- Service technician can easily connect to PC service tool
- Reduced speed (creep speed) select
- Premium, enhanced technology, full color touch screen available on all models
- The first reach truck touch screen display offering regular software upgrades





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