



W45Z^{HD}

DIRECT STORE *delivery option*

Hyster® understands the daily challenges that delivery drivers face trying to get product from the trailer to the store. It is with this in mind, that we developed the Direct Store Delivery (DSD) package for the W45Z^{HD}.

► The industry exclusive, patented design of the **DSD HANDLE** allows the operator full command of the truck's functionality with the handle in the full upright position.



► **DSD MOVEABLE LOAD BACKREST** allows operators to handle loads and pallets of multiple shapes and sizes with a single fork configuration.

► The single 2" seat belt style ratcheting and locking **LOAD RETENTION STRAP** gives the operator confidence that his load is secure.

► For **LIFT-GATE OPERATION**, the DSD handle design allows the truck to be operated in the correct travel position with forks trailing. One hand throttle activation means the operator can stay safely positioned beside the truck with complete visibility of the end of the lift gate.

► The **ADVANCED PERFORMANCE POWER SYSTEM™** is the first commercially available, factory-installed, UL recognized **LITHIUM-ION** battery in the lift truck industry.

► **MID-MOUNT STEER HANDLE AND CREEP SPEED** functionality position the operator closer to the truck for increased visibility and maneuverability—critical when operating the truck in a store, crowded trailer or lift gate.

W45Z^{HD} DIRECT STORE DELIVERY

7% less energy usage

43 pallets per hour

1 billion pounds lifted without failure

11% more productive when unloading trailers

2X thicker bushings

100,000+ full capacity cycles without failure

15% better turning radius than leading competitors

GENERAL	Manufacturer			Hyster	
	Model designation			W45Z ^{HD}	
	Power type			24V	
	Operator type			Pedestrian	
	Rated capacity		lb (kg)	4500 (2041)	
DIMENSIONS	Fork length	actual	in (mm)	34.1 (866)	
	Fork overall width		in (mm)	24.4 (620)	
	Individual fork width		in (mm)	7 (172)	
	Wheel base	Raised	in (mm)	38.5 (979)	
	Wheel base	Lowered	in (mm)	41.7 (1060)	
	Overall length		in (mm)	54.3 (1380)	
	Chassis length		in (mm)	20.2 (514)	
	Outside turning radius (bumper)	Raised	in (mm)	46.5 (1180)	
	Grade clearance	Chassis	%		67
		Center of Wheel Base	%		48
Forks		%		74	
Battery compartment		in (mm)	26.5 x 6.0 x OPEN (672 x 153 x OPEN)		
PERF.	Max. travel speed	No Load / Rated Load	mph (kph)	3.7 / 3.7 (6.0 / 6.0)	
	Traction motor control method	Type		AC Transistor	
	Service Brake	Type		Electro-Mechanical	
BATTERY	Truck wt. (approx)	No Load / Rated Load	lb (kg)	716 / 5216 (324 / 2365)	
	Type			Lithium-ion	
	Ampere hours		ah	56	
	Weight		lb (kg)	92 (42)	

* Multiple fork configurations available



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WHY LITHIUM-ION?

ZERO MAINTENANCE:
NO MORE...



2X 
FASTER CHARGING
TIME OVER LEAD-ACID BATTERIES

23% 
MORE EFFICIENT
THAN LEAD-ACID BATTERIES

FDA COMPLIANT
ZERO EMISSIONS TECHNOLOGY
WITH NO GASSING

OPPORTUNITY CHARGING 
ANYTIME, ANYWHERE WITH
120V

5-YEAR WARRANTY
60 months/10,000 hours
on battery and
LIFETIME FRAME WARRANTY