



HARLO PRODUCTS

HP SERIES ROUGH TERRAIN FORKLIFTS

A third generation, family owned business, HARLO Products Corporation has been serving the vertical mast rough terrain forklift industry since the early 1940s. For decades, the HARLO name has been synonymous with quality and dependability.

In a Grand Rapids, Michigan back alley, HARLO started making vertical mast assemblies for the US Navy during WWII. HARLO was a pioneer in the rough terrain forklift industry, and has been a major supplier of OEM equipment for over 75 years. HARLO has been partnered with some of the world's largest equipment companies, including John Deere, Massey Ferguson, Ford, Case, and International Harvester.

While holding on to traditional values, HARLO continues to build rough terrain forklifts to meet a variety of modern needs. HARLO forklift owners know that when buying a HARLO forklift, they will receive the highest return on their investment.

HARLO prides itself on being a hands on company... literally. Each HARLO forklift is crafted at their West Michigan headquarters by hand. HARLO counts on the experience, expertise, and pride of its workers to craft a quality product. This hand-crafted manufacturing process paired with extensive quality control measures ensures consistent quality and attention to detail. Unlike the competition, HARLO is able to respond to custom concerns, because they have experts willing to design a machine tailored to the customer's needs.

The HP Series has everything you would expect of a rough terrain forklift and more. Offering 42 different mast configurations and several industry focused optional features, HARLO gives you the opportunity to purchase a machine that meets your specific needs. You can rest assured that your HARLO will last, because HARLO only uses heavy gage steel, and with only a fresh paint job will look brand new for years to come. Not only will your HARLO last, but with its low-end torque and excellent lift capacities, your HARLO will make you more efficient, thus more profitable.



HARLO Products is a division of HARLO Corp., a minority owned business headquartered in Grandville, Michigan.



ENGINE SPECIFICATIONS*

Engine	Cummins 4.5 L Turbo Charged Diesel
Emissions Rating	Tier 3
Net Engine Horsepower	110 hp at 2500 rpm
Max Net Torque	347 ft-lbs at 1300 rpm
Fuel Injection	Bosch Common Rail (electric)
Aspiration	Turbo Charged
Displacement	275 cubic inches
Bore/ Stroke	4.17 inches / 5.0 inches
Compression Ratio	17.2 : 1
Transmission	Syncromesh
Hydraulic System	Gear Pump (32 gpm at 2500)

*Engine Specification apply to all Cummins HP Models.

Cummins is a global power leader and innovator in diesel technology. With 6500 dealer locations in 190 countries and territories, you can feel confident that a Cummins powered HARLO is a great choice now and in the future.

As the changes to engine emissions continue to push toward Tier 4 Final -- driving equipment prices up -- HARLO is pleased to offer a **Tier 3 solution through 2015**. As part of HARLO's Tier 4 strategy, they will continue to provide its customers the Cummins Tier 3 model. Providing the low end torque, low-cost maintenance and high horsepower they have come to expect from a HARLO.

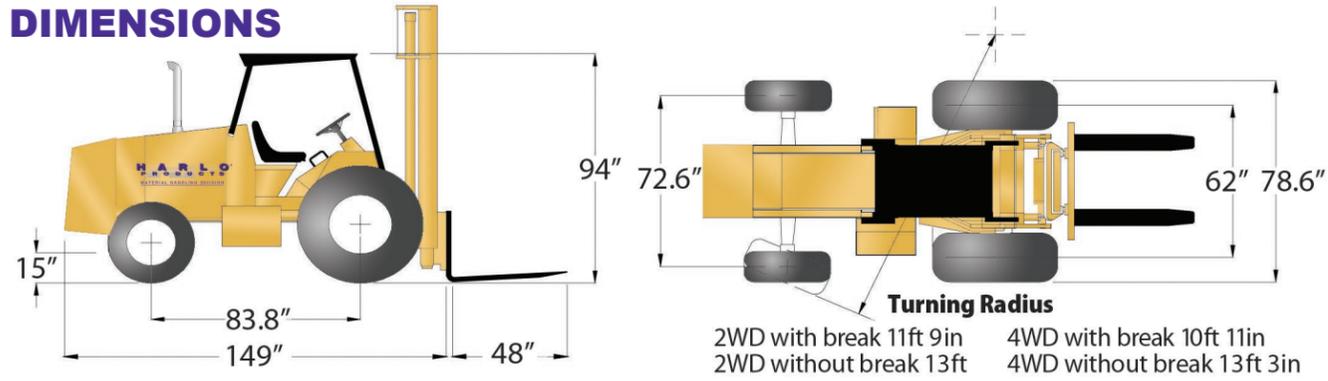
Powered by a Cummins 4.5L Turbo Charged Diesel engine, these HP Series Tier 3 models offer the industry's leading horsepower. Its 110 hp at 2500 rpm and low end torque, will give you more power to get the job done.

HARLO's Tier 3 forklifts help you **avoid costly Tier 4 technology upgrades**. Servicing and maintaining the Cummins Tier 3 engine remains simple and convenient. This easy-access service paired with HARLO's expert parts team will ensure minimum down time.

ABOUT HARLO

TIER 3 CUMMINS

DIMENSIONS



MAST OPTIONS

Lift Height	Type	Available Carriage Width	Stage	Overall Lowered	Overall Extended	Capacity at 24" Load Center
12' Roller	Notch ITA -- Class 2	48" 84"	2	110 in	---	5000lbs to 12'
12' Roller	Swing Carriage	48"	2	110 in	---	5000lbs to 12'
14' Freelift	Notch ITA -- Class 2	42"	3	94 in	---	5000lbs to 14'

SHOWN WITH OPTIONAL BIN CLAMP

Currently available for the HP5000 only, HARLO's industry exclusive integrated bin clamp is a bestseller. Helping you keep bins stabilized even on the roughest terrain, the bin clamp also reduces mast wear and tear, lessens operator fatigue and makes loading more efficient.

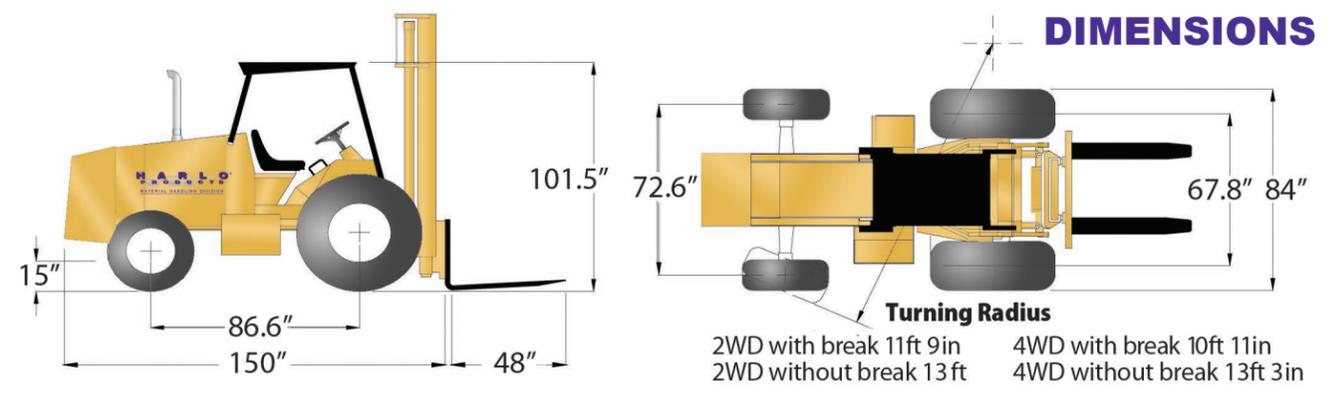


HP5000

PRODUCTIVITY.

The HP5000's compact design and industry leading turning radius, will effortlessly navigate your work site. Engineered to optimize loading performance, the HP series has been designed to maximize lift and turn efficiency, providing superior maneuverability. **Four different mast configurations** are available to match a variety of needs. The HP5000 is available with several industry focused optional features; including an **industry exclusive integrated bin clamp**. The HP5000 is most commonly found in agriculture applications; such as sod, citrus and vegetable harvesting.





DIMENSIONS

MAST OPTIONS

Lift Height	Type	Available Carriage Width	Stage	Overall Lowered	Overall Extended	Capacity at 24" Load Center
10' Roller	Notch ITA -- Class 3	60" 72" 84"	2	100 in	164 in	6500lbs to 10'
11' Roller	Notch ITA -- Class 3	84"	3	80 in	166 in	6500lbs to 11'
15' Roller	Notch ITA -- Class 3	60" 72" 84"	2	125 in	210 in	6500lbs to 15'
15' Roller	Swing Carriage	60" 72" 84"	2	125 in	210 in	6500lbs to 15'
20' Freelift	Notch ITA -- Class 3	60" 72" 84"	3	117 in	266 in	6500lbs to 12' 4500lbs to 15' 2500lbs to 20'
22' Roller	Notch ITA -- Class 3	60" 72" 84"	3	125 in	300 in	6500lbs to 12' 4500lbs to 15' 2500lbs to 22'
22' Roller	Swing Carriage	60" 72" 84"	3	125 in	300 in	6500lbs to 12' 4500lbs to 15' 2500lbs to 22'
28' Roller	Notch ITA -- Class 3	60"	3	146 in	372 in	6500lbs to 12' 4500lbs to 15' 2500lbs to 22' 1000lbs to 28'

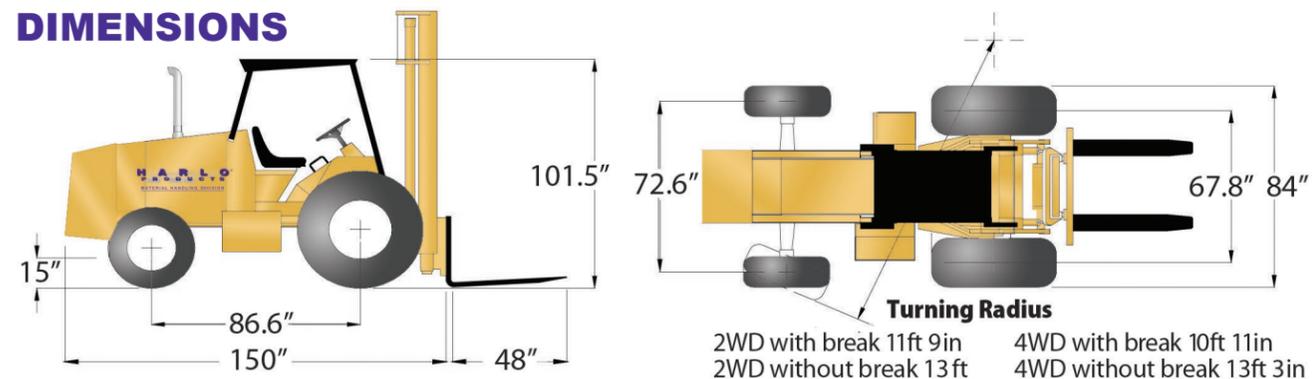
HP6500

PRODUCTIVITY.

HARLO's mid-sized forklift, the HP6500, is the most versatile, offering **six mast height options** and **20 different mast configurations**. The HP6500 is adaptable and can be built to meet a variety of industry specific needs; including the 28' mast assembly preferred in masonry. Its best in class lift capacity paired with HARLO's reputation for long-term dependability, makes the HP6500 the go to rough terrain forklift for many rental yards and is HARLO's bestselling forklift model.



DIMENSIONS



MAST OPTIONS

Lift Height	Type	Available Carriage Width	Stage	Overall Lowered	Overall Extended	Capacity at 24" Load Center
15' Roller	Notch ITA -- Class 3	60" 72" 84"	2	125 in	212 in	8500lbs to 15'
16' Roller	Notch ITA -- Class 3	60" 72" 84"	3	100 in	228 in	8500lbs to 12' 6500lbs to 16'
20' Freelift	Notch ITA -- Class 3	60" 72" 84"	3	117 in	266 in	8500lbs to 12' 6500lbs to 15' 2500lbs to 20'
22' Roller	Notch ITA -- Class 3	60" 72" 84"	3	125 in	300 in	8500lbs to 12' 6500lbs to 15' 2500lbs to 22'
15' Roller	Swing-Type Carriage	60" 72" 84"	2	125 in	212 in	8500lbs to 15'
22' Roller	Swing-Type Carriage	60" 72" 84"	3	146 in	300 in	8500lbs to 12' 6500lbs to 15' 2500lbs to 22'

SHOWN WITH OPTIONAL ENCLOSED CAB

Designed with operator comfort in mind, HARLO offers its enclosed cab option exclusively for HP6500 and HP8500 models. The cab is built to maximize operator visibility and space. Heat and air conditioning are also available options with an enclosed cab.

HP8500



PRODUCTIVITY.

HARLO's largest rough terrain forklift, the HP8500, offers **18 different mast configurations at five different heights**. The HP8500 is available with several industry focused optional features; including an industry exclusive integrated pipe clamp. The HP8500, with HARLO's heavy gage steel construction and best in class lift capacity, is designed to handle the roughest work environments and is most commonly found in pipe yards, oil refineries, and construction sites.



HP SERIES STANDARD FEATURES

TRANSMISSION

Carraro Powered
4 x 4 Syncromesh
Torque Converter

OPERATOR PROTECTION

A.N.S.I. B 56.6 Safety Compliant
Adjustable Seat Cushion
Anti-Vandalism Kit
Backup Alarm & Horn
FOP Overhead Guard
Rear-View Mirror
Seatbelt

INSTRUMENTATION

Gauges:
Fuel Level
Hourmeter
Fault Monitor
Indicator Lights

TRACTOR

Hydraulic Brakes
Hydrostatic Steering
Heavy Gage Steel Construction
Industry's Tightest Turning Radius
Industry Leading Top Speed

MAST

Side Shift (6 inches)
High Visibility Mast
Mast Tilt

TIRES

Drive Tires
16.9 x 24
2WD Steer Tires
11L - 16
4WD Steer Tires
12 - 16.5

ELECTRICAL

Single 12 Volt Battery Kit
FNR Motion Control Switch
Key Start
Neutral Switch
Lights
2 Front Work Lights
1 Rear Work Light
1 Brake Light
1 Strobe Light
Differential Lock
Park Brake Lever
4WD Switch
(with 4WD Model)
Sealed Electrical Connections



EASY-RIDE LOAD CUSHION

Standard on HP5000s, the HARLO Easy-Ride Load Cushion is also available as an option on HP6500 and HP8500 models. This feature reduces mast wear and tear, stabilizes loads, and lessens operator fatigue.



INDUSTRY EXCLUSIVE: BIN CLAMP

Currently available for the HP5000 only, our industry exclusive integrated bin clamp stabilizes produce bins and allows for faster field travel.



ENCLOSED CAB WITH HEAT & A/C

Full cab enclosure includes front/rear windshield wiper/washers, floor mat, window defogger and dome light. Heat and A/C available as well. Currently available on HP6500 or HP8500 models only.



INDUSTRY EXCLUSIVE: PIPE CLAMP

Our industry exclusive integrated pipe clamp secures larger pipe loads, increasing safety. This option is currently only available on the HP8500.

HP5000 STANDARD FEATURES

EASY-RIDE LOAD CUSHION

MAST TILT

Forward 13°
Backward 13°

HP6500/ HP8500 STANDARD FEATURES

EXTENDED MAST TILT

Forward 30°
Backward 11°



CUSTOM PAINT OPTIONS

HARLO offers custom paint colors. Available on all HP models, you can now customize your forklift to match your other fleet equipment.



ROAD LIGHT KITS

Make your HARLO forklift street safe with an optional road light kit. Includes flashers and turning signals. Currently these kits are available for all HP models.

Visit HarloProducts.com/options for more information and other optional features HARLO offers.

STANDARD FEATURES OPTIONAL FEATURES





Connect with HARLO

