

THD CONTAINER HANDLERS

 **TOYOTA**
INDUSTRIAL EQUIPMENT
REACH NEW HEIGHTS

THE KINGS OF THE HILL, PORT OR TERMINAL

- ▶ Empty Container Handlers
- ▶ Loaded Container Handlers
- ▶ Reach Stackers



CLASS
5

INTERNAL COMBUSTION ENGINE PNEUMATIC TIRE

ToyotaForklift.com

MADE TO HANDLE THE BIGGEST MATERIAL- HANDLING JOBS

THE TOYOTA HEAVY-DUTY CONTAINER HANDLERS.

Whatever needs to be loaded, unloaded or stacked in ports, terminals or rail yards, Toyota has the heavy-duty machine for the job. Our Empty Container Handlers and Loaded Container Handlers are engineered to provide fast lifting cycles, high stacking and reduced freight costs. And their mast design includes side spreading for twistlock (single-stack) or optional hook (double-stack) container handling.

Our Reach Stackers can handle a diverse range of heavy-lift applications, from loading and unloading trailers to transporting wind turbine components. They also offer front stabilizers for second and third rail operations. As well as twistlock, pin-style and trailer attachments.

And regardless of which Toyota Container Handler is right for your needs, you'll get unmatched operator visibility and ergonomic features that provide more safety. More comfort. And more productivity.



HE



BMOU 293265 4
22G1

MAX. GROSS 30 480 KGS
67 200 LBS

TARE 2 220 KGS
4 900 LBS

NET 28 260 KGS
62 300 LBS

CUB. CAP. 332 CU.M.
1 170 CUFT



EMPTY CONTAINER HANDLER ADVANTAGES

THD1500-E3.E4 | THD1980-E5.E6.E7.E8

- ▶ **HIGH STACKING CAPACITY** up to eight 8' 6" containers or seven 9' 6" containers with single-stacking attachment
- ▶ **QUICK LIFTING SPEED** of 125 fpm, for maximum productivity
- ▶ **EXCEPTIONAL STABILITY** thanks to a 182-inch width over the drive tires and a large 180-inch wheelbase — plus a 190% reserve capacity
- ▶ **EXCELLENT ALL-AROUND VISIBILITY** at all load levels with an elevated cab position, angled glass overhead window/roof and wide-view mast
- ▶ **UNIQUE MAST DESIGN** provides improved durability and reduced torsional stress
- ▶ **INTUITIVE MULTIFUNCTION SINGLE JOYSTICK CONTROL** for added versatility and simpler operation
- ▶ **NITROSTEEL® CYLINDER RODS** provide better corrosion/wear resistance and improved lubrication retention than competitors' chrome rods
- ▶ **OUTWARD-FACING INNER UPRIGHTS** provide superior lateral mast strength
- ▶ **STANDARD SIDE-POST ATTACHMENT** extends/retracts to handle 20- and 40-foot empty containers, and can be quickly adjusted to handle 53-foot containers
- ▶ **POWERFUL PERFORMANCE** from a CUMMINS® 6.7 liter, 215 hp turbocharged diesel engine and Dana 32,000 power shift transmission with 3 forward/reverse speeds
- ▶ **12-PLATE MODULATION** provides smooth shifting and protection against directional change stock loads, with constant mesh gears during shifting
- ▶ **INTEGRAL SLOPE PILER CARRIAGE** provides safe, efficient container handling on trailers or uneven ground
- ▶ **POWDER-COATED COMPONENTS** provide a 10 times thicker paint coat than traditional spray paint, for greater scratch, chip and moisture resistance
- ▶ **ELECTRONIC DECLUTCH SYSTEM** for precise movement at higher rpm's





STACKS UP TO

8 HIGH

UP TO **25** MPH

TRAVEL SPEED

 Hapag-Lloyd

TOYOTA

LOADED CONTAINER HANDLER ADVANTAGES

THD9000-L3.L4 | THD8600-L5 | THD8000-L6

- ▶ **HIGH STACKING CAPACITY** of up to six 9' 6" loaded containers with single-stacking attachment
- ▶ **FAST LIFTING SPEED** for moving more containers, more quickly
- ▶ **EXCEPTIONAL STABILITY** with a large width over the drive tires and a large wheelbase — plus industry-best reserve capacity
- ▶ **RIGID INNER MAST & TELESCOPING OUTER MAST** for less torsional stress and better durability
- ▶ **NITROSTEEL CYLINDER RODS** provide better corrosion/wear resistance and improved lubrication retention than competitors' chrome rods
- ▶ **WIDE-VIEW MAST** with nested cylinders and chains for maximum visibility at all load heights
- ▶ **INTUITIVE MULTIFUNCTION SINGLE JOYSTICK CONTROL** for added versatility and simpler operation
- ▶ **LOAD-SENSING "ON-DEMAND" STEER PUMP** increases vehicle efficiency by up to 27% over standard, individual gear pumps





STACKS UP TO
6 HIGH

47 FPM
LIFTING SPEED

- ▶ **POWERFUL PERFORMANCE** from a CUMMINS® QSM-11 335 hp turbocharged diesel engine and Dana 36,000 powershift transmission with 3 forward/reverse speeds
- ▶ **12-PLATE MODULATION** provides smooth shifting and protection against directional change stock loads, with constant mesh gears during shifting
- ▶ **ELECTRONIC DECLUTCH SYSTEM** for precise movement at higher rpm's
- ▶ **EASY ACCESSIBILITY** to powertrain and other major components, for easy service and parts replacement



STACKS UP TO
5 HIGH

REACH DEPTH OF
3 ROWS

REACH STACKER ADVANTAGES

THD9900-R60.68.73.77.85.90

▶ **HIGH STACKING CAPACITY** of up to five 9' 6" containers, with a stacking depth up to 3 rows

▶ **INCLINATION & OPTICAL DISTANCE SENSORS** locate precise position of containers for safety interlocks

▶ **DOUBLE ACTING CYLINDER** for smooth, precise control

▶ **STANDARD DAMAGE PREVENTION SYSTEM** utilizes ultrasonic sensors to decrease container damage and increase attachment longevity

▶ **SHACKLE POINTS** allow usage of Reach Stacker as a crane, providing more versatility for additional applications

▶ **4-POINT TOP PICK LOADED CONTAINER ATTACHMENT** with automatic locking vertical twistlocks; extends/retracts to handle 8-foot ISO containers from 20- to 53-feet long

▶ **ATTACHMENT ROTATES 185° IN ONE DIRECTION** and 95° in the opposite direction for a wider range of movement and added productivity

▶ **OVERSIZED COMPOSITE SIDE THRUST & MAIN SLIDE PADS** are fully adjustable and easily accessible for shimming or replacing

▶ **MULTIPLE SERVICE & WORK LIGHTS** for late night or early morning operation

▶ **AUTOMATIC PENDULUM-FLOATING TWISTLOCKS** with override function and an integral carriage with +/- 30 inch side shift; +/- 5° hydraulic tilt

▶ **RUGGED CHASSIS, BOOM & ATTACHMENT STRUCTURE** designed for well over a million cycles of usage

▶ **BOLTED GLAND NUT-STYLE RAM** with heavy-duty seals prevents oil leakage onto walking surfaces; bleed lines are designed to return any excess oil back to the tank



UP TO **275** IN.
WHEELBASE

78 IN.
LOAD CENTER

CUMMINS

6-CYL

DIESEL ENGINE





100%

MADE IN THE USA

THEY ALSO HELP YOU CONTAIN COSTS

Every Toyota Container Handler is engineered to provide maximum operating and fuel efficiency. Their high-performance diesel engines are powerful, yet stingy on fuel consumption.

And each component is engineered for ultimate reliability and longevity, to reduce maintenance and repair costs. When service does become necessary, easy accessibility to all major components lowers service costs and helps get your machine back in action quickly. Because we know every minute of uptime is more profit for your business.

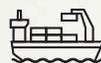
RUGGED MACHINES FOR RUGGED ENVIRONMENTS

From our heavy-duty tires and drive axles to our rugged masts and lift attachments, every inch of a Toyota Container Handler is made to withstand the harsh environments they operate in. Even though the loads are heavier, the terrain is more challenging and the stakes are higher than typical forklift tasks, if it bears the name Toyota, you know you can count on it to get the job done. Today. Tomorrow. And years down the road.

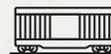
100% MADE IN THE USA

Unlike many other manufacturers, every component of every Toyota Container Handler is made in the USA. Not just assembled here but manufactured here. In fact, the frame, mast and all other major components are made in the same plant. Which allows us to manage and maintain an unmatched level of quality that would be impossible any other way. But then, that's the Toyota way.

INDUSTRIES



Intermodal /Port



Rail Yard



Shipping Containers



COUNT ON THE LEADER

- ▶ Toyota leads in quality, durability, reliability and value, thanks to advanced technology and the world-renowned Toyota Production System.
- ▶ With the broadest and most complete set of material-handling solutions in the industry, Toyota Dealers specialize in meeting all of your needs — from a single forklift to an entire fleet.
- ▶ Toyota's industry-leading network of dealers backs every forklift with proven product support. Resources include factory-trained service technicians, Toyota Genuine Parts, and flexible leasing and financing packages through Toyota Commercial Finance.

- ▶ Toyota forklifts have ranked No. 1 in safety and quality since 2002, according to studies conducted by Peerless Research Group.

For more information, including full specs, see your Toyota Dealer or ToyotaForklift.com.



INDUSTRIAL EQUIPMENT

REACH NEW HEIGHTS