



## 45DT Compact Tool Carrier

• 618 lb(280 kg) Lift Capacity

### Big machine performance in a small package ...

The compact Thomas 45DT is designed to get you to your work no matter how tight the quarters. And, when you get there, the 45DT has the power and performance features to make short work of any job you take on.

The power starts with its rugged Kubota D1105 25 HP liquid cooled diesel engine. This reliable top of the line industry workhorse provides serious power to the wheels through the loaders heavy duty low speed high torque hydraulic motors and heavy duty chain drive system.



### True digging performance ...



Unlike most of its competitors the 45DT is not just a simple lift and carry machine. This loader gives you true digging and excavating performance.

The 45DT provides you with more breakout force than most full size skid steer loaders. Producing over 2090 lbs (948 kg) of breakout force means easy bucket loading even in the toughest conditions ensuring faster more

## Spill proof self-level system...

Your 45DT comes equipped as standard with a bucket self-leveling system. This no spill feature allows you to handle any load with ease.

No matter whether it's a full bucket load or your lifting a pallet of bricks, the load will remain level throughout the boom lifting and lowering cycle.

This takes all the worry out of your material handling chores increasing your productivity.



## Easy unloading...

The 45DT features an extremely high 70° bucket dumping angle. That's more than double most of its competitors.

The benefit of this high dump angle quickly becomes apparent when working with wet or sticky materials such as heavy damp loam, top soils or soils with a high clay content.

## Go Anywhere ...

The tracked 45DT provides you quick and nimble performance. The units 9 inch (230 mm) tracks provide superior traction and unparalleled flotation. When the going gets soft the 45DT floats over the surface generating a light 4.3 psi (0.3 bar) ground pressure.

## Simple, intuitive controls ...

On the 45DT you're always in full command and it's simple control system will ensure you'll be productive and operating like a pro in minutes.

Both the steering and single joystick hydraulic boom and bucket controls allow for smooth precise two hand control of all operating functions.



## Two Auxiliary Hydraulic Circuits ...

For complete versatility and flexibility Thomas gives you full and total control of all attachment operations with not one but two auxiliary hydraulic circuits!

One hydraulic circuit is used for operating cylinder equipped attachments such as grapples, 4:1 buckets or dozer blades.



For the protection of rotating motor powered attachments such as sweepers, tillers, power box rakes or snow blowers there is a second circuit equipped with built in motor spool. The motor spool protects the attachments motor from pressure surges and spikes caused when hydraulic flow is reversed or shut off. When operating a sweeper for example the motor spool will allow the brush to free spool when hydraulic flow is shut off.

## Total Control ....

For maximum productivity and performance the operator has total control of power distribution. Thomas' two-pump system combined with a flow selector, combiner valve and flow control valve allows you to direct power where and when it is needed most.

When the work speeds up power can instantly be switched to the drive wheels for high speed travel shortening those long haul work cycles.



When high speed travel is not required and you are operating attachments that require high hydraulic such as snow blowers and trenchers, flow and power can be switched to the auxiliary hydraulic circuit.

The loaders standard combiner valve coupled with a variable flow control provides precise metering of the hydraulic output flow.

When trenching for example, you can direct most of the hydraulic flow to the trencher while maintaining "inching" capability to the drive wheels.

Thomas' flexible control system lets you maximize power output to exactly match the job at hand .

## Operator Comfort and Safety Come First ...

Thomas' ride-on design keeps you productive and at the same time up and out of the dirt and mud.

To protect the operator from unintended movement of the loader or the loader's boom or bucket on start up, all controls remain locked until the operator releases them.

The loader is also equipped with a parking brake, lifting lugs and boom supports for safe maintenance.

Other standard features operator compartment padding, a 12 volt accessory plug and work light as we know your work day may extend around the clock.



## Easy Service ...

The 45DT offers quick and easy access to all major drive components.

A hinged control panel and quick remove engine compartment cover provides full protection as well as complete access.

The unit also features a flip forward oil cooler assembly allowing complete front access and large service openings are found on both sides.

Large easy read site gauges provide an instant check on fluid levels while a remote engine oil drain hose makes for easy no spill oil changes.



## It all adds up to Thomas Tough ...

Thomas is renowned world-wide for building bullet proof tough, reliable, high performance equipment and the 45DT carries on that tradition.

Thomas products are built for conditions found around the globe and contain built in survival features such as high volume oil reservoirs and high capacity thermostatically controlled oil coolers.



Whether severe work cycles in the middle of the Mojave desert, clearing snow north of 60 or spreading top soil back east your Thomas will not only survive ... It will thrive.

Your Thomas also carries the protection of a 1-year full machine and 2-year engine warranty.

## Purchase Flexibility ...

Thomas versatility and flexibility extends even to the way you may purchase your Thomas.

You can purchase your Thomas Compact Tool Carrier through any authorized Thomas sales and servicing dealer or ...

## Purchase Direct from Thomas!

Thomas' exclusive direct purchase option gives you the opportunity of major savings while still having the full support of a dealer sales and service network behind you.

Contact us today and learn how easy it is to get your Thomas. [sales@thomasloaders.com](mailto:sales@thomasloaders.com) or **866-Be-Tough (866-238-6844)**

