TELESCOPIC HANDLERS
TX 140-45 I TX 170-45

ROBUST CONTROL

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EXPERTS FOR THE REAL WORLD
SINCE 1842
Secure base
Case TX telescopic handlers offer impressive stability through the combination of a long wheelbase, low boom pivot point and optimised counterweight. Total stability. Maximum lift capacity.

Robust design
Robust boom construction with powerful hydraulic cylinders offers excellent range of working heights up to 17 m. Hydraulic frame levelling, along with audible and visual safe load indication ensure secure placing of loads at any height or reach. Design integrity. Maximum capacity.
**All terrain driveability**

Powershift transmission handles high power delivery without heat build-up. Smooth gear shifting and three steering modes allow the operator to work in the toughest site conditions. Four wheel steering greatly reduces turning circle while crab steer offers the perfect solution when working with obstacles. Outstanding manoeuvrability. Reliable components.

**Total control**

With standard pilot controls for all hydraulic functions the Case TX telehandler is an easy machine to drive. Load sensing, flow sharing hydraulics, in combination with a smooth Powershift transmission, it ensures independent movement of all hydraulic functions, with precision and accuracy. Low effort control lever reduces operator’s fatigue, ensuring high productivity and maximum safety throughout the working day. Smooth operation. Precision control.

**Easy Access For Maintenance**

Side-mounted engine with full length lift-up hoods ensures easy access for ground level servicing and regular maintenance. All filters and fill points are easily accessible, for minimum downtime and maximum productivity. Main hydraulic valves are mounted the rear of the machine and can be reached through separate panel without need to move other components. Design integrity. Minimum downtime.

**Versatile Carrier**

Case dealers offer a wide range of options, tyres and attachments to perfectly customise the machine to your individual requirements. Mechanical or hydraulic carriers can be enriched along with optional sideshift functionality. Customers can choose a carrier compatible with Case attachments or one designed to fit their existing buckets and work tools. Attachments include pallet forks, 4-in-1 buckets, crane booms, cement mixers and a range of man platforms. Multiple use. Versatility built-in.
Two telescopic designs
The TX range uses robust telescopic booms with inherent rigidity and strength to allow many hours of safe lifting. All models are equipped with safety valves on the lift, tilt and stabiliser cylinders, to prevent the boom from dropping material in case of failure. Visual and audible overload warning devices are incorporated on the upper right corner are incorporated in the upper right corner of all cabs.

High load capacities
There is a Case TX telescopic handler for every task. Customers can choose between 14 m and 17 m working heights, with lifting capacities of 4.5 tons. Wide stabilizers legs are provided for maximum stability while lifting on the heavier models, giving Case some of the highest lifting capacities in the market.

High manoeuvrability driveline
TX machines are incredibly agile, moving rapidly around the site thanks to a our speed, torque converter power-shift transmission and the easy to use three mode steering system. This combination of proven components ensures that there is no costly heat build-up in the transmission, even when travelling at high speeds on the road, where permitted. The use of flow sharing hydraulics, along with the Powershift transmission, ensures precision work to be accomplished with ease. The single servo lever that controls all hydraulic functions also has a transmission cut-off button, giving the operator total control of the machine without having to move a hand away from the servo or the steering wheel. This ensures maximum safety on site and reduced operator effort, cutting operator fatigue and boosting productivity.
Operator’s cab

From its initial conception the Case telehandler cab has led the field in terms of ergonomics, visibility and safety. Its curved top with wrap around glazing offers unmatched visibility of the boom and the load. A glazed door, with opening window, provides easy access to the cab and the extended glass surface, low engine canopy and low boom pivot point ensure an excellent view all around the machine. This is a major contributing factor to increased site safety and prevents damage to the machine when manoeuvring in confined spaces. All instruments are grouped in a lowered console to further boost visibility to the front of the machine. Simple, single lever servo controls are easy to use and the operator has plenty of space in the ROPS/FOPS cab to remain comfortable throughout the day.
TELESCOPIC HANDLERS

Engine
The TX telescopic handler range is powered by a 4.5 litre FPT Turbo after-cooled engine. All machines respect TIER III emission levels.

Mounted on the side of the machine, the engine is easily accessible for all regular service and maintenance work, with filters and fill points all checkable from ground level. Long service intervals and compatibility with the Case electronic service tool (EST) ensure minimum downtime, increasing profitability and keeping your machines at work.

Flow sharing hydraulics
A fully load sensing hydraulic system, with flow sharing technology, allows independent use of all hydraulic functions. All major operations, such as lifting and lowering and forward reaching, are controlled from a single servo lever, allowing the operator to keep one hand on the steering wheel when manoeuvring and the other on the loading control. The flow sharing system ensures smooth lifting and reach and provides power when working with varied attachments.

The main hydraulic valve is mounted at the rear of the machine and is fully accessible through a separate cover, without having to remove additional components, cutting diagnostic and maintenance time for increased profitability.
Specifications TX 140-45

Engine

Model ___________________________ FPT 445TA/MLG
Engine type ___________________________ F4GE9484J*J600
Net Power ___________________________ 118 hp/88 kW @2200 rpm
Max Torque ___________________________ 515 Nm@1250 rpm
Turbo aftercooled, Tier 3, 4 cylinder, 2 valves per cylinder

Transmission

Type ___________________________ Powershift
Forward/Reverse speeds ___________________________ 4/3
Maximum speed on road*** ___________________________ 35 km/h

Hydraulic system

Type ___________________________ Load Sensing
Hydraulic controls ___________________________ Servo
Simultaneous movement ___________________________ yes
Hydraulic pump ___________________________ gear
Hydraulic flow ___________________________ 115 l/min
Hydraulic pressure ___________________________ 240 bar
Mast extension ___________________________ Cylinders

Performance

Maximum lift capacity (at 500 mm from fork heel) kg 4500/4000*
Maximum lift height m 13.55/13.30*
Lift capacity at maximum reach kg 1500/650*
Lift capacity at maximum lift height kg 3600/1700*
Reach fully raised m 0.30/1.00*
Maximum forward reach m 9.33/9.33*
Height with max load m 11.40/7.30*
Breakout force daN 7750/7750*
Operating weight kg 11460

Capacities

Fuel tank ___________________________ 135 l
Hydraulic tank ___________________________ 180 l

Tyres

13.00 x 24 ___________________________ GOOD-YEAR
15.5 x 25 ___________________________ MICHELIN
405/70 x 24 ___________________________ MITAS
400/80 x 24 ___________________________ DUNLOP

Noise

Internal ___________________________ 77 LpA
External ___________________________ 103 LpA

**EPA: Environmental Protection Agency
*** Max. speed limited according to the country’s legislations
IMPORTANT NOTE: This model is not suitable for manplatform

Dimensions

(with MITAS 405/70x24)

| A | 1200 mm |
| B | 3120 mm |
| C | 1902 mm |
| D | 6135 mm |
| E | 1000 mm |
| F | 2050 mm |
| G | 402 mm |
| H | 2450 mm |
| I | 1100 mm |
| K | 1260 mm |
| T | 4598 mm |
| U | 2730 mm |
| V | 5445 mm |
| V₁ | 980mm |
| V₂ | 3890mm |
| W | 2445mm |
### Specifications TX 170-45

**Engine**
- Model: FPT 445 TA / MLE
- Engine type: F4GE9484J *J600
- Net Power: 118 hp/88 KW @2200 rpm (According to 80/1269 CEE)
- Max Torque: 515 Nm @1250 rpm Turbo aftercooled, Tier 3, 4 cylinder, 2 valves per cylinder

**Transmission**
- Type: Powershift
- Forward/Reverse speeds: 4/3
- Maximum speed on road**: 35 km/h

**Hydraulic system**
- Type: Load Sensing
- Hydraulic controls: Servo
- Simultaneous movement: yes
- Hydraulic pump: gear
- Hydraulic flow: 115 l/min
- Hydraulic pressure: 240 bar
- Mast extension: Cylinders

**Performance**

<table>
<thead>
<tr>
<th>TX 170-45</th>
<th><strong>Maximum lift capacity (at 500 mm from fork heel)</strong></th>
<th>kg</th>
<th>4500</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Maximum lift height</strong></td>
<td>m</td>
<td>16.60</td>
<td></td>
</tr>
<tr>
<td><strong>Lift capacity at maximum reach</strong></td>
<td>kg</td>
<td>450</td>
<td></td>
</tr>
<tr>
<td><strong>Lift capacity at maximum lift height</strong></td>
<td>kg</td>
<td>3000</td>
<td></td>
</tr>
<tr>
<td><strong>Reach fully raised</strong></td>
<td>m</td>
<td>1.00</td>
<td></td>
</tr>
<tr>
<td><strong>Maximum forward reach</strong></td>
<td>m</td>
<td>12.54</td>
<td></td>
</tr>
<tr>
<td><strong>Height with max load</strong></td>
<td>m</td>
<td>7.95</td>
<td></td>
</tr>
<tr>
<td><strong>Breakout force</strong></td>
<td>daN</td>
<td>7750</td>
<td></td>
</tr>
<tr>
<td><strong>Operating weight</strong></td>
<td>kg</td>
<td>12300</td>
<td></td>
</tr>
</tbody>
</table>

**Capacities**
- Fuel tank: 135 l
- Hydraulic tank: 180 l

**Tyres**
- 13.00 x 24 **GOOD-YEAR**
- 15.5 X 25 **MICHELIN**
- 405/70 x 24 **MITAS**
- 400/80 x 24 **DUNLOP**

**Noise**
- Internal: 77 LpA
- External: 103 LpA

**Dimensions**

(with MITAS 405/70x24)

| A | 1200 mm |
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| G | 402 mm |
| H | 2450 mm |
| I | 1050 mm |
| K | 1260 mm |
| T | 4600 mm |
| U | 2730 mm |
| V | 5445 mm |
| V1 | 980mm |
| V2 | 3890mm |
| W | 2445mm |

**Notes:**
- **EPA: Environmental Protection Agency**
- **Max. speed limited according to the country’s legislations**
Standard Equipment

DESIGN CONCEPT
4.5 liter 4 cylinder Tier 3
4 Wheel Drive
Powershift transmission
3 steering modes (2WD 4WD Crab)
Flow sharing / Load sensing hydraulics
Narrow wide or no stabilisers
Front axle balance control
Indipendent stabilisers controls
2 rear lateral counterweights
Load movement indicator and safety device
Single battery
Front and rear fenders
Raincup for engine filter
Road light support
Road lights
Left and right mirrors
Mechanical parking brake
Plate holder

BOOM
3 piece (TX140) or 4 piece (TX170) boom
Self levelling
Single lever hydraulic pilot control

CAB COMFORT
Cloth seat with seat belt
Rounded windshield with wiper
Split door opening at 180°
Sun visor
Heating and efficient defrosting
Single lever joystick (extension, boom, bucket, transmission cutout, hydraulic circuit)

SAFETY
ROPS/FOPS cab
Load movement indicator
Hazardous boom extension stopping device
Sun roof protection grill
Seat belt
Safety decals
Noise insulation meeting
European standards
Safety valves on lift - tilting
- boom - stabilizers
Backup alarm

Choice of tyres (construction or agricultural pattern)
Choice of tyre sizes

BOOM
Hydraulic connection for attachment
Boom working lights
Electric circuit side boom

TOOLS
Choice of Case/CNH or competition carriers (mechanical or Hydraulic)
Choice of fixed or sideshift carriage
Choice of buckets (Std, 4x1)

with blade or teeth
Choice of forks (fixed or floating)
Fork extension
Hooks
Truss boom
Extendible crane jib
Concrete mixer
Basket material handling
Other

CAB
Air conditioning
Cloth deluxe suspension seat with seat belt
Rear wiper

OTHER
Twin batteries
Cold start engine
Limited slip differential on front axle
Rotating beacon
Trailer hook

Standard and optional equipment shown can vary by country.
NOTE: Standard and optional fittings can vary according to the demands and specific regulations of each country. The illustrations may include optional rather than standard fittings - consult your Case dealer. Furthermore, CNH Industrial reserves the right to modify machine specifications without incurring any obligation relating to such changes.

Conforms to directive 2006/42/EC