



**WACKER  
NEUSON**  
*all it takes!*

## TH412

1000437624

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## TH412

Material number 1000437624



The TH412 telehandler is unique in its combination of externally compact dimensions and its high lift height.

### Product details

- Electronically controlled drive system
- Electric parking brake
- VLS (Vertical Lift System)
- Colour-oriented operating concept
- Compact and powerful

#### Standard Components

##### Engine

- Yanmar 3 TNV 80 FT, 18.4 kW / 25 HP, EU: Stage V

##### Steering system

- Hydrostatic all-wheel steering with end position synchronization
- Steering angle max. 2x38°
- Oscillating angle of the rear axle:  $\pm 7^\circ$
- Steering cylinder: 2

##### Tires

- 10.0/75 - 15.3 AS

##### Operator's cab

- Cab with heating and ventilation ROPS / FOPS tested with VSG safety window on the right side
- Front, roof, and rear wipers
- Heated rear window
- Tilt display

- Tilt display
- Armrest with storage compartment
- Sun shade
- Bottle holder
- Storage net

#### **Operator's seat**

- Comfort seat with safety belt

#### **Lighting**

- Lighting equipment according to StVZO (road traffic licensing regulations)
- LED working lights, 1 in front, 1 on cab roof

#### **Drive system &Axles**

- Axle: PAL1165 planetary steering axle
- Drive: hydrostatic via transfer case and universal joint shaft, electronically controlled
- Driving modes: Auto mode; ECO mode (reduction of engine speed when set speed is reached)
- Speed: 20 km/h
- Travel speeds: 2 | 7 km/h / 20 km/h (Optional 30)
- Operating brake: Hydraulically actuated disc brake on front axle acting on rear axle via universal joint shaft
- Parking brake: Electro-hydraulic spring-loaded brake on front axle, acting on rear axle via universal joint shaft incl. Auto-hold function

#### **Loading system**

- Telescopic arm lifting height 4537 mm
- Quick change device (Wacker Neuson HV/TH - C) hydraulic
- Lifting cylinder 1
- Tipping cylinder 1

#### **Hydraulics**

- New mechanically pilot-controlled joystick with direction switch
- 3rd Front control circuit via lever
- Connections Flatface size 2
- VLS (Vertical Lift System)
- Hydraulic oil cooler

#### **Comes with**

Maschine

## Technical specifications

### TH412

OPERATING FLUIDS	Metric
Fuel Tank capacity	38,0 l
Oil volume	4,400 l
Oil specification	SAE 10W-40
Hydraulic fluid type	ISO VG 46
Hydraulic fluid volume	60,0 l
Cooling fluid volume	7,50 l
Fuel specification	Diesel EN 590

ENGINE	Metric
Power rating max.	18,4 kW, 33,4 kW
Engine operating mode	null, null
Cooling	Water-cooling, Water-cooling
Exhaust-gas limit	EU Stage V, EU Stage V
Alternator	null, null
Engine speed (Power max.)	2.600 1/min, 2.600 1/min
Engine type	Diesel engine, Diesel engine
Cylinder	3, 3
Engine Manufacturer	Yanmar, Yanmar
Cylinder capacity	1.226 cm <sup>3</sup> , 1.568 cm <sup>3</sup>
Mounting position	null, null
Kraftstofftyp	Diesel EN 590, Diesel EN 590
Engine Designation	3TNV86 CHT, 3TNV80 FT

MECHANICAL - OUTPUT DETAILS	Metric
Travel speed stage 1	0,00 - 7,00 km/h
Travel speed stage 2	0,00 - 28,00 km/h

HYDRAULIC	Metric
Flow rate	28 l/min
Tank capacity	36 l
Operating pressure hydraulics	220,0 bar

ENVIRONMENT DATA	Metric
Sound level LpA (Standard)	85
Sound power LWA, guaranteed	103,0 dB(A)

MECHANICAL DETAILS	Metric
Payload lift max.	1.250 kg
Payload max.	1.250 kg
Weight	2.750,00 kg
Lift bucket swivel	4.537 mm

CHASSIS	Metric
Turning radius	2.695 mm
Operating pressure	380 bar

**Please Note**

This product availability can vary from country to country. It is possible that information / products may not be available in your country. More detailed information on engine power can be found in the operator's manual; the started power may vary due to specific operating conditions. Subject to alterations and errors expected. Applicable also to illustrations.

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