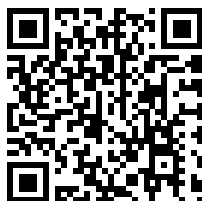


Bulldozer

# TM10 HST12



Power, hp

240



Weight, t

21


Blade volume, m<sup>3</sup>

5,0



Traction, t

28

## Engine

Type	YMZ-536; 6-cylinder, 4-stroke, in-line, with direct fuel injection, turbocharged, water-cooled with supercharged air intercooler of the "air-to-air" type installed on the vehicles
Power, kW/hp at nominal rpm	176,5/240
Operating volume	6,65 l
Generator	AC, 24V, 100A, with installed voltage regulator
Storage battery	2*12V/ 2*132Ah
Starting device	electric starter, 24V nominal voltage, 4 kW nominal power

## Undercarriage

Type	linear
Frame	load-bearing structure made of HSS steel, high welding accuracy
Track rollers	lifetime lubricated, on sliding bearings (journals)
Number of track rollers	7 bottom rollers on each side/ 2 carrier rollers on each side
Track chain	45 track shoes on each side
Track shoe width	500 mm
Track shoe grouser	65 mm
Bearing area	3.15 m <sup>2</sup>
Track adjuster	hydraulic

## Transmission

Type	hydrostatic with electronic traction control. Speed shift under load, full-time all-track drive including counter travel of pivot turn
Transmission	hydraulic pump coupled with hydraulic motor with stepless transmission shift.
On-board gearboxes	planetary (PMP, Italy)
Control	electric and hydraulic servo
Brake system	hydraulic (pilot-operated check valve), normally closed multiple-disc clutches

## Implement Control

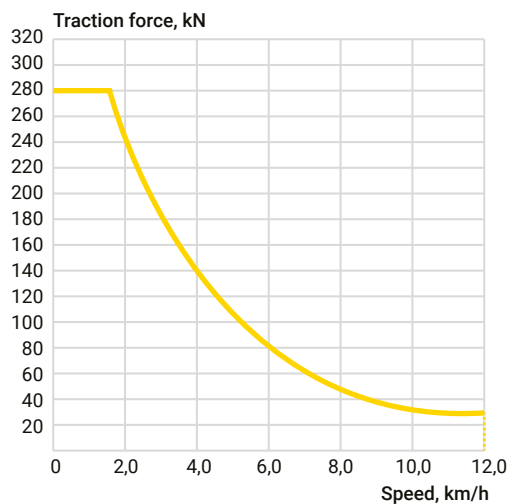
Type	hydraulic, separate for each device
Hydraulic pump	Hydrosila NSH-100 Output: 200 l/min Max pressure: 20 MPa
Control valve	sectional (Belarus)
Filtration	double filtration: at suction, full-flow at discharge

## Cab and Control

Cab	hexagonal, improved visibility, with springs, twindow insulation, climate control system (heating and ventilation), cab air circulation, enlarged cab filter, circulation air filter, windscreen, rear window and door window wipers and washers, sun blind
Seat	ergonomic, with springs, two-point seat belt, seat switch
Safety	ROPS/FOPS, open door fixation
Travel and attachable implement control	4-position joysticks

## Filling Values

Cooling system	60 l
Fuel tank	320 l
Engine lubrication system	29 l
Transmission and implement hydraulic system	200 l



## Parameters under Load

Speed limit at 2100 rpm, km/h	forward – 11 backward – 11
-------------------------------	-------------------------------

