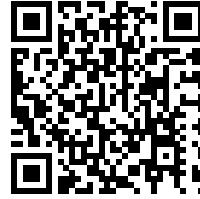


Bulldozer

TM10 HST15



Power, hp

300



Weight, t

26



Blade volume, m³

8,7



Traction, t

40

Engine

Type	YMZ-238 (turbocharged)
Power, kW/hp	242/330
Operating volume	14,86 l
Generator	24V/55A
Storage battery	2*12V/ 2*132Ah
Pre-heating with autonomous heating function	14TC-10 Teplostar

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	41 track shoes on each side
Track shoe width	560 mm
Track shoe grouser	80 mm
Bearing area	3.93 m ²
Track adjuster	hydraulic

Transmission

Type	hydrostatic with electronic control
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

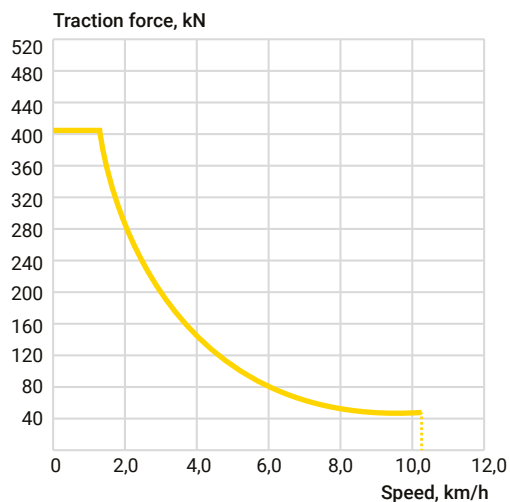
Type	hydraulic, separate for each device
Hydraulic pump	Hydrosila NSh-100 Output: 200 l/min Max pressure: 20 MPa
Control valve	sectional (Belarus)
Filtration	double filtration: at suction, full-flow at discharge

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

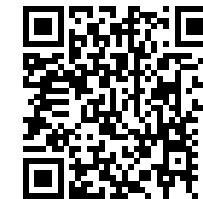
Cooling system	60 l
Fuel tank	390 l
Engine lubrication system	29 l
Transmission and implement hydraulic system	200 l



Parameters under Load

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

Bulldozer TM10 HST20



Power, hp

412



Weight, t

38,5



Blade volume, m3

10



Traction, t

51

Engine

Type	YMZ-652, turbocharged
Power, kW/hp	303/412
Operating volume	11,12 l
Generator	24V/55A
Storage battery	2*12V/ 2*132Ah
Pre-heating autonomous function	with heating Webasto Thermo E 320