

W12D

COOLING BOX SYSTEM
Reversible fan option.

CYCLONIC PRE-FILTER
Increasing service life of the main filter.

CLOSED CABIN
ROPS/FOPS with air-conditioning, located in the rear chassis.

SPECIAL VERSION FERTILIZER

FUNCTION DECLUTCH
Reduced cycle time and increased service life of the brake system.

GREAT ELEVATION CAPACITY AND DISAGGREGATION POWER
ZBAR double cinematic curved arm.

PARKING ELECTRO-HYDRAULIC WITH DISK
Brake triggered by switch.

BUCKET WITH HIGH CAPACITY
1.9 m³ and screwed teeth.

HIGH EXIT ANGLE
Easy climb on material pile.

LOW CONSUMPTION OF FUEL
Mechanical engine FPT Tier 3.

TRANSMISSION ELECTRONIC ZF
With torque conversion.

ZF HD SHAFT OF A HIGHER CLASS
With high performance bronze brake disc.

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POWERTRAIN	
Engine, brand and model	NH/FPT 6.7L Tier 3
Gross power [hp(kW)]@ rpm	130(97)@ 2,350
Net power [hp(kW)]@ rpm	127(95)@ 2,350
Maximum torque (Nm@ rpm)	443@ 1,500
Cylinder capacity (liters)	6.7
Number of cylinders	6
Suction	Turbo
Alternator (A)	70
Transmission type	Powershift
Speed – F/R	4 / 3
Maximum speed – F/R (km/h)	36.2 / 23.8
Anti-slip system (Limited Slip) (F/R)	Standard on both shafts
Service brake type	Multidisk in oil bath
Parking brake type	Electro-hydraulic triggered by button
Tire	17.5x25-16L L3
HYDRAULIC	
Hydraulic pump	Gears
Flow (L/min)	140
Implement pressure (psi)	2,756
Total cycle time (seconds)	12.8
PERFORMANCE	
Arm geometry	Double Zbar
Tipping load – straight (kg)	8,857
Tipping load – max. articulation 33.5° (kg)	8,070
Operating load (kg)	4.144
Disaggregation power (kN) / (kg)	79,15 / 8.071
Unloading angle (degrees)	44.0
Unloading height (mm)	2,551
Unloading range (mm)	1,132
Bucket pin maximum height (mm)	3,520
Chassis articulation angle (degrees)	33.5
DIMENSIONS AND CAPACITIES	
Bucket crowned volume (m³)	1.9
Height to top of cabin (mm)	3,176
Wheelbase (mm)	2.669
Ground clearance (mm)	355
Counterweight departure angle (degrees)	26.0
Turning radius – from the outside of the tires (mm)	5,606
Operating weight (kg)	10,595

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