

HYUNDAI

HT30 SPECIFICATIONS

Net Power

72.7 hp (53.5 kw) @ 2600 rpm

Operating Weight (Cabin)

11,141 lb (5,053 kg)

Rated Operating Capacity

(Cabin) 3,072 lbs (1,393 kg)

ENGINE

Make	HYUNDAI
Model	DM02
Emissions certification	Tier 4 Final / Stage V
Number of cylinders	4
Rated power, gross (hp per SAE J1995)	72.7 hp (53.5 kw) @ 2,600 rpm
Rated power, net (hp per SAE J1349)	72.7 hp (53.5 kw) @ 2,600 rpm
Maximum torque, gross (SAE J1995)	206.5 ft-lbs (28.55 kfg-m) @ 1,600rpm
Displacement	146 in³ (2,302 cc)
Bore and stroke	3.5 x 3.7 in (90 x 94 mm)
Starter	12 V, 4.5 hp (3.3 kW)
Battery	12 V, 100 AH
Asperation	Turbocharged
Alternator	12 V, 90 A
Air filter	PowerCore
Aftertreatment	DOC

OPERATING SPECIFICATION

	Canopy	Cabin
Operating weight	10,448 lb (4,739 kg)	11,141 lb (5,053 kg)
Breakout force (bucket)	6,905 lbf (3,132 kgf)	
Breakout force (lift arm)	6,219 lbf (2,821 kgf)	
Tractive force	45.5 lbf (30 kN)	
Lift arm path	Vertical	

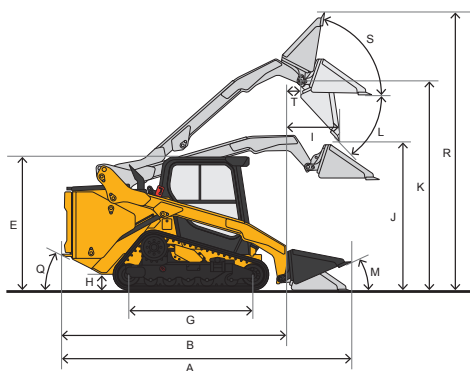
RATED OPERATING CAPACITY*

35% tipping load	2,900 lb (1,316 kg)	3,072 lb (1,393 kg)
Tipping load	8,287 lb (3,759 kg)	8,777 lb (3,981 kg)

*3,200 lb (1,496 kg) with optional counterweight

CABIN

ROPS	ISO1347:2008
FOPS	ISO3449:2005, Level1



Unit : in (mm)

DIMENSIONS

A	Length w/bucket on ground	156.1" (3,966 mm)
B	Length w/o bucket	123.1" (3,127 mm)
C	Vehicle width	15.7 in 400 mm shoe
		76.8" (1,951 mm)
		17.7 in 450 mm shoe
		78.8" (2,001 mm)
D	Width with bucket	80" (2,032 mm)
E	Height to top of cab	83.3" (2,116 mm)
F	Track tread	61.1" (1,551 mm)
G	Length of track on ground	64.1" (1,630 mm)
H	Ground clearance	8.8" (226 mm)

UNDERCARRIAGE

Type	Canopy Cabin	Rigid Mount Torsion Suspension
Track width	15.7"(400 mm) / 17.7"(450 mm)	
Ground pressure	4.7 psi (0.33 bar) / 4.2 psi (0.29 bar)	
No. of track rollers (per side)	5	
Travel speed (2-speed) low	5.9 mph (9.5 km/h)	
Travel speed (2-speed) high	8.7 mph (14 km/h)	
Track tension type	Grease	
Front idler	Double (std.) / Triple (opt.)	
Rear idler	Single (std.) / Triple (opt.)	

HYDRAULIC SYSTEM

HYDRAULIC FLOW - BASIC

Hydraulic pressure	3,336 psi (23,000 kPa)
Hydraulic flow	24 gpm @ 2,600 rpm

HYDRAULIC FLOW - HIGH-FLOW

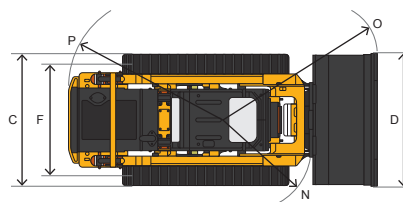
Hydraulic pressure	4,061 psi (28,000 kPa)
Hydraulic flow	35 gpm @ 2,600 rpm

CAPACITY

Fuel tank	24 gal (90.8 L)
Cooling system (radiator capacity)	2.6 gal (9.8 L)
Engine oil	3.9 gal (14.7 L)
Hydraulic tank	8 gal (30.2 L)

SOUND

Inside cab (ISO 6396:2008)	75 dB(A)
Outside cab (EU Directive 2000/14/EC)	99.5 dB(A)



Unit : in (mm)

DIMENSIONS

I	Reach at max. lift and dump	47.2" (1,200 mm)
J	Height at max. lift and dump	96.8" (2,460 mm)
K	Hinge pin height at max. lift	128.9" (3,275 mm)
L	Max. dump angle	41°
M	Rollback angle on ground	25°
N	Turning radius from center - coupler	61.1" (1,553 mm)
O	Turning radius from center - bucket	98.5" (2,504 mm)
P	Turning radius from center - machine rear	68.8" (1,750 mm)
Q	Rear departure angle	34°
R	Max. overall height	169.6" (4,308 mm)
S	Rack back angle at max. height	87°
T	Bucket pin reach at max. lift	20.4" (519 mm)

HT30 STANDARD AND OPTIONAL

Standard ● Option ○ Not Available —

ENGINE & COOLING	HT30 CANOPY	HT30 CAB	HT30 HIGH FLOW
Turbocharged engine	●	●	●
Auto idle	●	●	●
2-stage fuel filtration with water separator	●	●	●
Doc aftertreatment system	●	●	●
Variable-speed hydraulic-driven cooling fan	●	—	—
Variable-speed hydraulic-driven cooling fan with automatic and manual purge reversing operation	—	●	●

Standard ● Option ○ Not Available —

ELECTRICAL	HT30 CANOPY	HT30 CAB	HT30 HIGH FLOW
12 V system with 90a alternator	●	●	●
Guarded LED light package (2 Front, 2 rear)	●	●	●
14-Pin attachment connector	●	●	●
Travel alarm	●	●	●
Master on/off battery disconnect	●	●	●
Hyundai Connect: mobile (4G) type for 5 years of remote machine monitoring and diagnostics	●	●	●

Standard ● Option ○ Not Available —

UNDERCARRIAGE AND FRAME	HT30 CANOPY	HT30 CAB	HT30 HIGH FLOW
Rigid mount undercarriage	●	—	—
Torsion suspension mount undercarriage	—	●	●
Triple-flange lower rollers (5)	●	●	●
Dual-flange front and single-flange rear rollers	●	●	—
Triple-flange front and rear rollers	—	—	●
15.7" (400 mm) track - block pattern	●	○	○
15.7" (400 mm) track - multi-bar pattern	○	○	○
17.7" (450 mm) track - block pattern	○	○	○
17.7" (450 mm) track - multi-bar pattern	○	●	●
Additional counterweight (+300 lb / 136 kg)	○	○	●
2-speed travel	●	●	●
Creep mode	●	●	●
Front and rear tie-down and lift points	●	●	●
Rear bumper	●	●	●
Hinged cooling package with engine access	●	●	●

Standard ● Option ○ Not Available —

OPERATOR STATION	HT30 CANOPY	HT30 CAB	HT30 HIGH FLOW
Open canopy (ROPS/FOPS Level 1)	●	—	—
Enclosed one-piece cab (ROPS/FOPS Level 1)	—	●	●
Polycarbonate swing-out door w/wiper and washer	—	●	●
High-back mechanical suspension vinyl seat	●	—	—
High-back air-suspension cloth seat with heat	—	●	●
Foot throttle (accel. / decel.)	●	●	●
Selectable pattern (ISO, H)	●	●	●
8" Smart touch screen display	●	●	●
Heat and A/C	—	●	●
Radio w/Bluetooth®	—	●	●
12 V charging	●	●	●
Rearview camera	●	●	●
Around View Monitoring (AVM) camera w/ultrasonic sensors	○	○	○
Cup holder	●	●	●
Multi-position locking sliding side windows	—	●	●
Dual USB charging ports	●	●	●

Standard ● Option ○ Not Available —

HYDRAULIC AND WORKING EQUIPMENT	HT30 CANOPY	HT30 CAB	HT30 HIGH FLOW
Vertical-lift arm design	●	●	●
Loader self-level: up and down	●	●	●
Pushbutton bucket shake	●	●	●
Bucket return to position	●	●	●
Arm float	●	●	●
Std-flow (23 gpm / 87 lpm) auxiliary hydraulics with proportional control	●	●	●
Hi-flow (33 gpm / 126 lpm) Auxiliary hydraulics	—	—	●
Continuous mode auxiliary	●	●	●
Speed-sensitive ride control	○	●	●
Attachment coupler - manual	●	—	—
Attachment coupler - hydraulic	—	●	●
Cab mounted hydraulic cooler	—	—	○

HYUNDAI

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