

DEVELON

Material Handler

DX160WMH-7

DX350WMH-7

Develon brings expertise to the material handling sector, delivering reliable and high-performance solutions tailored to demanding applications. The material handler line-up is now enhanced by two new models designed for maximum efficiency and durability. The 16-ton class machine offers agility and precision, ideal for smaller yards and medium-duty operations, while the 35-ton class model provides exceptional lifting capacity and reach for large-scale material processing. Both models feature high-rise cabs for superior visibility, robust hydraulics for smooth and responsive operation, and advanced energy-efficient engines that balance power with low fuel consumption. Engineered for stability, productivity, and operator comfort, these material handlers are built to handle the toughest tasks in scrap yards, ports, and recycling facilities.

Engine

	DX160WMH-7	DX350WMH-7
Make	DEVELON	
Model	Deutz TCD 4.1 L4 EU Stage V	Deutz TCD 6.1 L6 EU Stage V
Number of cylinders	4	6
Rated power at 1 800 rpm	105 kW (140 HP)	180 kW (245 HP)
Displacement	4038 cm ³	6100 cm ³
Bore and stroke	101 mm x 126 mm	
Starter	24 V / 4 kW	24 V / 5.5 kW
Batteries – Alternator	2 x 12 V / 100 Ah	
Air filter	Dry air filter	

Undercarriage

Tire dimensions	10.00-20 16 PR	12.00-20 PR
Overall width	2540 mm	3000 mm
Wheel base	2600 mm	3200 mm
Tread width	-	2320 mm
Tractive force (breaks)	76.0 kN	110 kN

Hydraulic System

Maximum system pressure	320 bar	
Maximum oil flow	171 l/min	630 l/min

Fluid Capacities

Fuel tank	240 litres	425 litres
Cooling system	38 litres	48 litres
AdBlue (DEF) tank	20 litres	32 litres
Hydraulic oil tank	157 litres	505 litres
Engine oil	10 litres	15 litres

CAB

A-weighted emission sound pressure level at the operator's position, LpAd (ISO 6396:2008)	70 dB(A)	73 dB(A)
A-weighted sound power level, LwAd (2000/14/EC)	95 dB(A)	104 dB(A)

Swing Mechanism

Maximum swing speed	9/min	8.5/min
Maximum swing torque	34.7 kNm	103.38 kNm

Drive

Travel speed (creep/low/high)	1 / 5 / 20 km/h	1 / 5 / 16 km/h
Gradeability	60%	33%
Maximum traction force	76.0 kN	110 kN

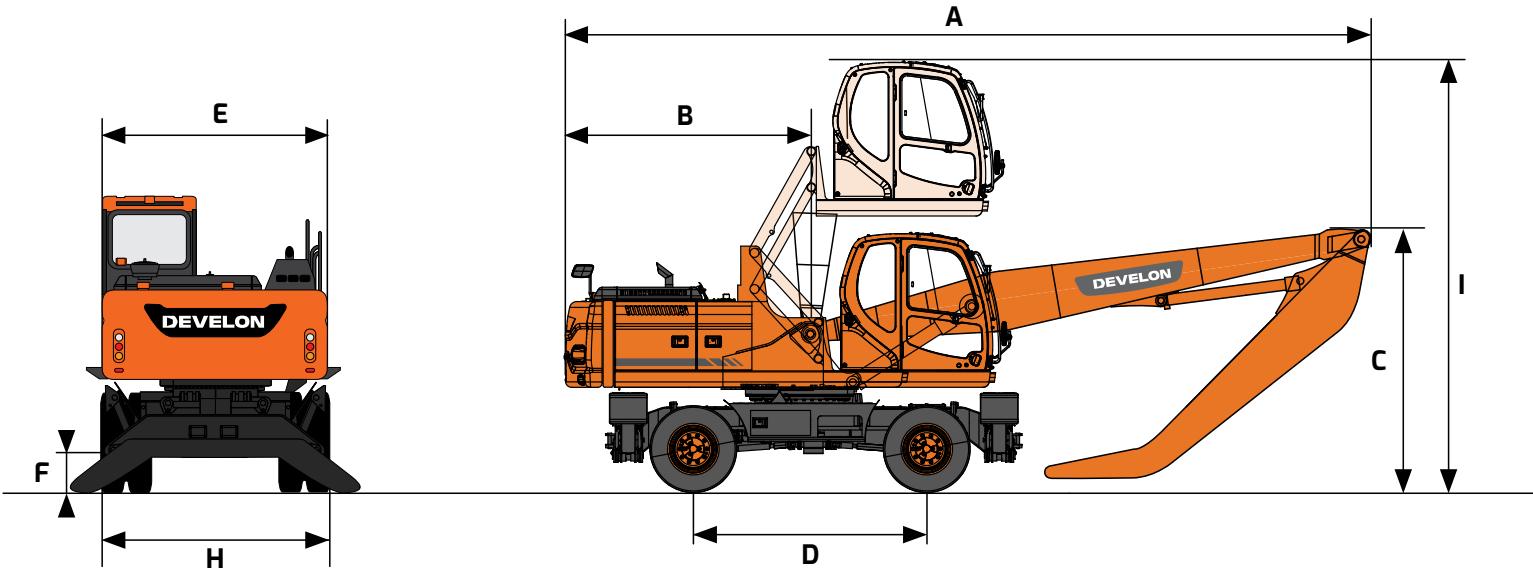
Dimensions

DX160WMH-7

		Unit	
	Boom length	mm	4800
	Arm length	mm	3550
A	Shipping length	mm	7850
B	Tail swing radius	mm	1980
C	Shipping height	mm	3230
D	Wheel base	mm	2600
E	Upper housing width	mm	2500
F	Ground clearance	mm	360
H	Shipping width	mm	2540
I	Height over cab	mm	5470

DX350WMH-7

		Unit	
	Boom length	mm	8700
	Arm length	mm	6900
A	Shipping length	mm	12 455
B	Tail swing radius	mm	3300
C	Shipping height	mm	3400
D	Wheel base	mm	3200
E	Upper housing width	mm	2740
F	Ground clearance	mm	-
H	Shipping width	mm	3000
I	Height over cab	mm	6046



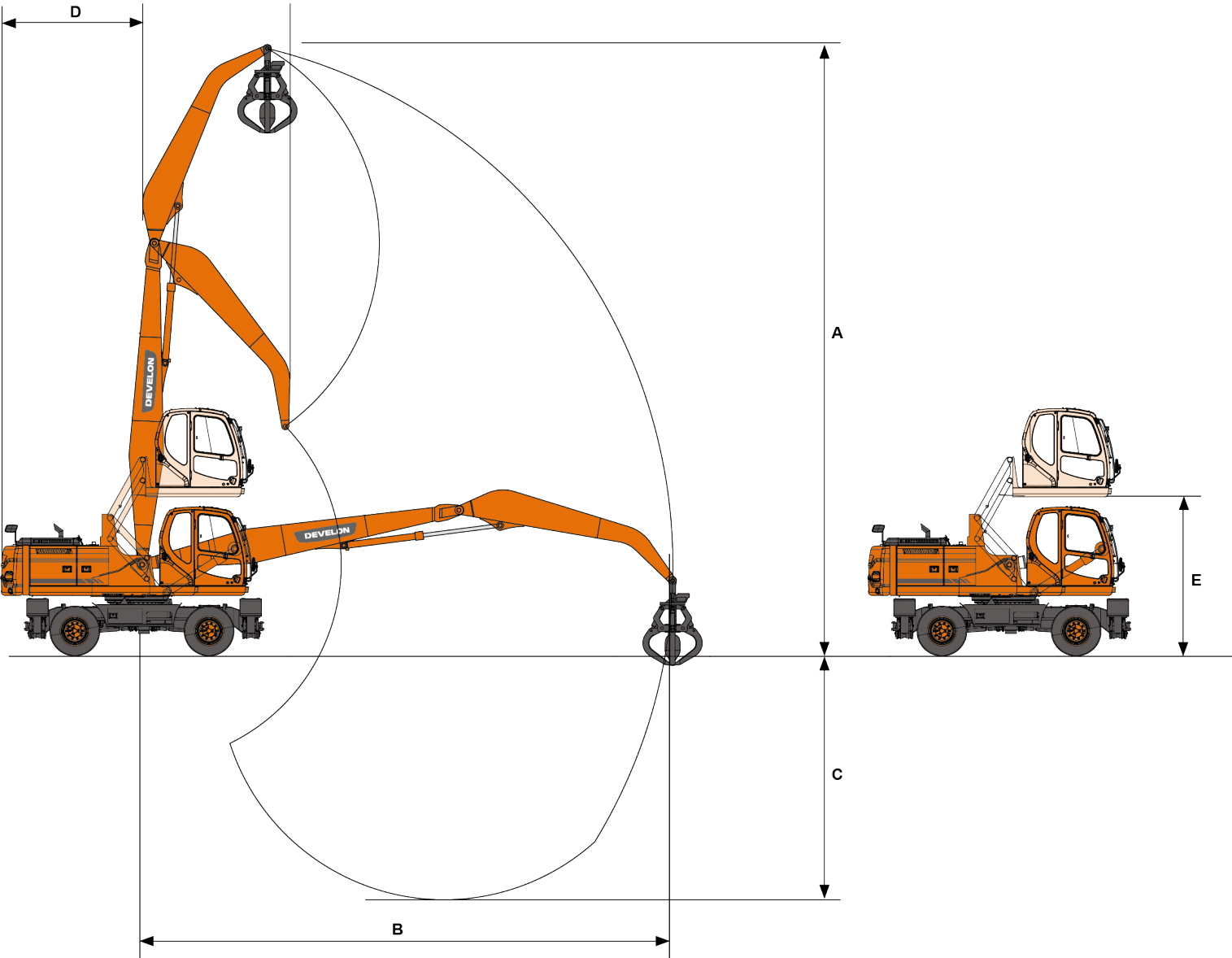
Working Range

DX160WMH-7

		Unit	
A	Max Bucket pin height	mm	9215
B	Max working reach	mm	8610
C	Max working depth	mm	3960
D	Tail swing	mm	1980
E	Elevating height	mm	2340

DX350WMH-7

		Unit	
A	Max Bucket pin height	mm	15100
B	Max working reach	mm	14630
C	Max working depth	mm	4550
D	Tail swing	mm	1980
E	Elevating height	mm	2340



Certain specification(s) are based on engineering calculations and are not actual measurements. Specification(s) are provided for comparison purposes only and are subject to change without notice. Specification(s) for your individual DEVELON equipment will vary based on normal variations in design, manufacturing, operating conditions, and other factors. Pictures of DEVELON units may show other than standard equipment.

Powered by Innovation

DEVELON

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