



ETEC E160W

ELECTRIC MOBILE EXCAVATOR >



Engine	Liquid-cooled permanent magnet motor
Power	105 kW
Operating weight	16,8 t - 18,8 t
Lithium iron phosphate (LFP) battery box	280 kWh / 350 kWh
Operating time (indication)	9 uur / 11 hours
Charging time AC 380V 63A/32A	Min. 6 / 12 hours
Charging time DC fast charging	Min. 2 hours

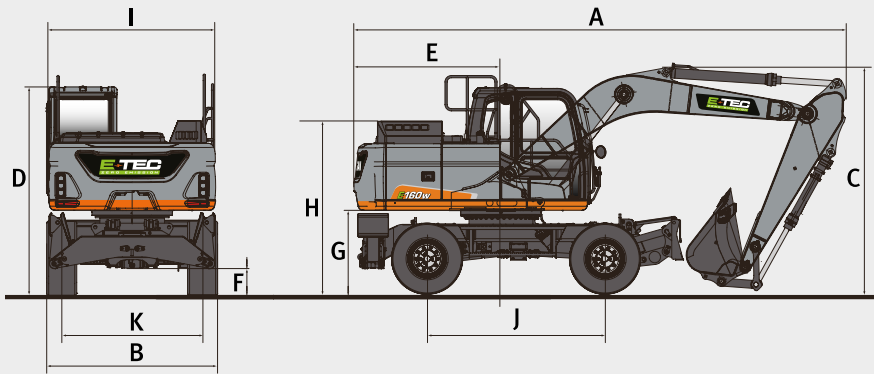


-  **LARGEST OPERATING RADIUS**
-  **IN-HOUSE PRODUCTION**
-  **INCLUDING THE SAFE 'LFP' BATTERIES**
-  **IN COMPLIANCE WITH THE HIGHEST SAFETY STANDARDS**

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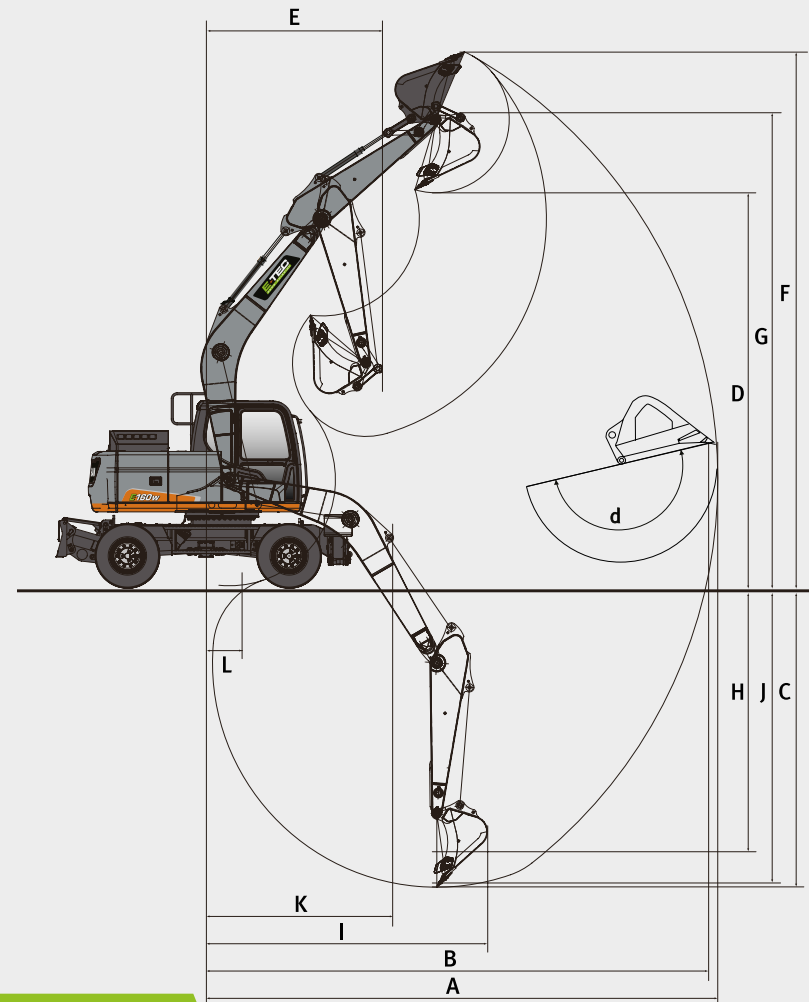
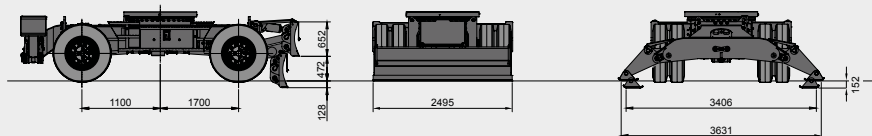
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DIMENSIONS

Boom length	Unit	Monoboom			Articulated boom	
		4400	4600	2500	2100	2500
Arm length	mm	2100	2100	2500	2100	2500
A Shipping length	mm	8043	8251	8205	8103	8118
B Shipping width	mm	2495	2495	2495	2495	2495
C Shipping height (boom)	mm	2845	2685	3045	2648	2795
C Shipping height (hose)	mm	2995	2865	3210	2688	2834
D Height over cab	mm	3052	3052	3052	3052	3052
Height over cab (guardrail)	mm	3249	3249	3249	3249	3249
E Tail swing radius	mm	2283	2283	2283	2283	2283
F Ground clearance	mm	348	348	348	348	348
G Counterweight clearance	mm	1215	1215	1215	1215	1215
H Battery Box	mm	2730	2730	2730	2730	2730
I Upper housing width	mm	2490	2490	2490	2490	2490
J Wheel base	mm	2800	2800	2800	2800	2800
K Tread width	mm	1944	1944	1944	1944	1944
Driving length	mm	7219	7473	7301	6174	6240
Driving height (boom)	mm	3710	3540	3865	3988	3988
Driving height (hose)	mm	3710	3605	3765	3937	3937



WORKING RANGE

Boom length	Unit	Monoboom			Articulated boom	
		4400	4600	2500	2100	2500
Arm length	mm	2100	2100	2500	2100	2500
A Max. digging reach	mm	7585	7765	8235	8240	8700
B Max. digging reach (ground)	mm	7375	7560	8040	8050	8520
C Max. digging depth	mm	4490	4620	5020	5025	5455
D Max. loading height	mm	5905	6060	6510	6795	7260
E Min. swing radius	mm	2340	2500	2665	2505	2680
F Max. digging height	mm	8195	8340	8850	9150	9655
G Max. bucket pin height	mm	7125	7275	7730	8010	8475
H Max. vertical wall depth	mm	3445	3480	4265	3840	4410
I Max. radius vertical	mm	5480	5695	5555	5825	5680
J Max. digging depth (at 2440 mm level)	mm	4215	4345	4805	4905	5345
K Min. radius at 2440 mm level	mm	2105	2240	2315	865	865
L Min. digging reach	mm	455	885	505	-	-
d Bucket angle	°	173.7	173.7	173.7	173.7	173.7

HYDRAULIC SYSTEM

The e-EPOS (Electronic Power Optimising System) is the brain of the excavator – minimising fuel consumption and optimizing the efficiency of the hydraulic system for all working conditions.

To harmonize the operation of the engine and the hydraulics, the e-EPOS is connected to the engine's electronic control unit (ECU) via a data transfer link.

- The hydraulic system enables independent or combined operations
- Two travel speeds offer either increased torque or high speed
- Cross-sensing and energy-saving pump system
- Automatic system for lower electric motor speeds
- Four operating modes and four power modes
- Flow and pressure control of auxiliary hydraulic circuits from control panel
- Computer-aided pump flow control

Maximum system pressure

Working 34.3 MPa
Traveling 36.3 MPa

Pumps	Type	Max. flow rate at 2000 rpm	Relief valve pressure
Main	2 x parallel bentaxis axial piston	2 x 167 l/min	-
Pilot	Gear	30 l/min	4 MPa
Steering	Gear	36.6 l/min	18.5 MP
Brake	Gear	13.2 l/min	15.7 MP