

ASC 130

SOIL COMPACTOR
EU Stage IIIA, U.S. EPA Tier 3

MEETING THE CHALLENGE

The Ammann ASC 130 Soil Compactor provides industry-leading compaction outputs. The roller provides efficient compaction through the optional ACE^{force} system, which identifies uncompacted spots. Other options can make the machine a perfect fit for challenging jobsites. An HX versions of the roller excels on jobsites where high tractive efforts are required.

OPTIONAL ACE^{force} SYSTEM TECHNOLOGY

- Provides measurement and documentation
- Precisely measures and evaluates material stiffness
- Shows compaction progress via operator-guiding function
- Includes ADS documentation software with office analyzing feature
- Can utilise all major manufacturers GPS products to provide mapping and operator guidance

INDUSTRY-LEADING COMPACTION

- Utilises effective Ammann vibratory system
- Offers varied amplitude settings
- Drives energy into the material and away from the operator

OPERATOR FRIENDLY

- Clear dashboard layout enables easy and safe operation
- Operator platform is mounted on vibration-free rubber mounts for highest comfort

EASY ACCESS

- Easily accessible maintenance points
- Optionally centralized draining points for service fluids

APPLICATIONS

- Medium and large jobsites
- Transport construction (motorways, railways, airfields)
- Water resources construction (rockfill, dams) and building construction (industrial zones, harbours)

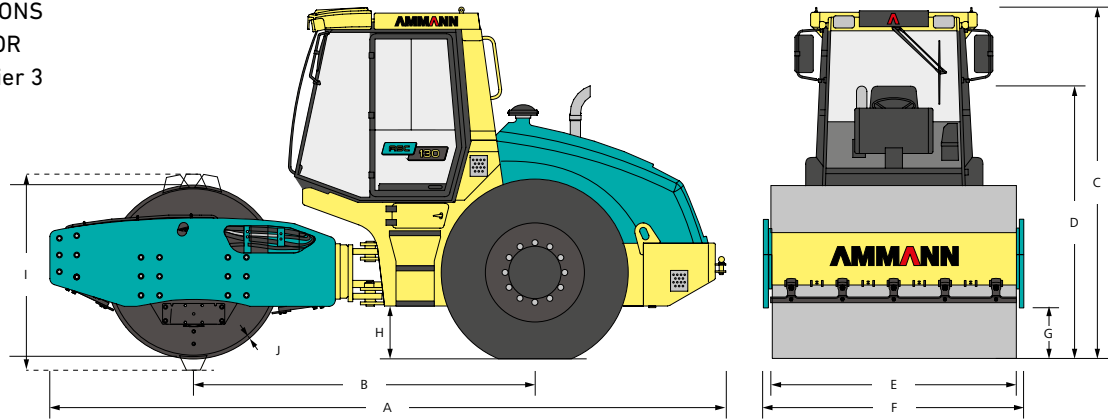
MAXIMUM RECOMMENDED COMPACTED LIFT THICKNESS AT OPTIMAL WORKING CONDITIONS

	Rockfill	Sand / Gravel	Mixed Soils	Silt	Clay
ASC 130 D	*1 m (39 in)	*0.7 m (28 in)	*0.6 m (24 in)	0.45 m (18 in)	0.27 m (11 in)
ASC 130 PD	-	-	*0.6 m (24 in)	*0.45 m (18 in)	*0.32 m (13 in)

*Recommended drum type

AMMANN

TECHNICAL SPECIFICATIONS
ASC 130 SOIL COMPACTOR
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DIMENSIONS

A	MACHINE LENGTH	5780 mm (227.6 in)
B	WHEELBASE	2878 mm (113.4 in)
C	MACHINE HEIGHT	3070 mm (120.9 in)
D	MACHINE HEIGHT (REMOVED CAB / ROPS)	2400 mm (94.5 in)
E	DRUM WIDTH	2130 mm (83.9 in)
F	MACHINE WIDTH	2258 mm (88.9 in)
G	CURB CLEARANCE	415 mm (16.3 in)
H	GROUND CLEARANCE	430 mm (17 in)
I	DRUM DIAMETER	1500 mm (59.1 in) / * 1640 mm (64.6 in)
J	DRUM SHELL THICKNESS	35 mm (1.4 in) / * 25 mm (1 in)

*PD

ENGINE

MANUFACTURER	Cummins QSB 4.5-C160
POWER ACCORDING TO ISO 3046-1	119 kW (160 HP)
MAXIMUM TORQUE	624/1500 Nm/rpm
ENGINE COMPLIES WITH EMISSION REGULATIONS	EU Stage IIIA, U.S. EPA Tier 3

COMPACTION FORCES

	PD	
FREQUENCY I	30 Hz (1800 VPM)	30 Hz (1800 VPM)
FREQUENCY II	36 Hz (2160 VPM)	36 Hz (2160 VPM)
AMPLITUDE I	1.9 mm (0.075 in)	1.85 mm (0.073 in)
AMPLITUDE II	1.05 mm (0.041 in)	1 mm (0.039 in)
CENTRIFUGAL FORCE I	300 kN	300 kN
CENTRIFUGAL FORCE II	230 kN	230 kN

MISCELLANEOUS

BRAKES OPERATING	Hydrostatic
BRAKES PARKING	Multiple-disc spring brake
BRAKES EMERGENCY	Multiple-disc spring brake
FUEL TANK CAPACITY	410 l (108.3 gal)
ARTICULATION ANGLE	±36°
OSCILLATION ANGLE	±10°

WEIGHT & OPERATING CHARACTERISTICS

	HX	PD	HXP
OPERATING WEIGHT	12510 kg (27580 lb)	13750 kg (30310 lb)	12740 kg (28090 lb)
MAXIMUM WEIGHT	16390 kg (36130 lb)	16430 kg (36220 lb)	14920 kg (32890 lb)
STAT. LIN. LOAD OF FRONT DRUM	39.1 kg/cm (219 lb/in)	-	-
PAD CONTACT SURFACE	-	120 cm ² (18.6 sq in)	120 cm ² (18.6 sq in)
PAD HEIGHT	-	100 mm (3.9 in)	100 mm (3.9 in)
MAX. TRANSPORT SPEED	13 km/h (8.08 MPH)	8.2 km/h (5.1 MPH)	12.8 km/h (7.95 MPH)
MAX. WORKING SPEED	5.6 km/h (3.48 MPH)	3.7 km/h (2.3 MPH)	5.6 km/h (3.48 MPH)
CLIMBING ABILITY	45 %	58 %	45 %
TURNING RADIUS INNER (EDGE)	3050 mm (120.1 in)	3050 mm (120.1 in)	3050 mm (120.1 in)

STANDARD EQUIPMENT

- Operator platform with guard rails
- Smooth drum with steel scrapers
- 2 vibration frequencies and amplitudes
- Inter wheel Differential-lock
- Manual tilting of hood/cab/platform
- Working headlights (front and rear)

OPTIONAL EQUIPMENT

- CE conformity
- Cab ventilated and heated (incl. FOPS I)
- ROPS structure
- Air condition for Cab version
- Ammann Traction Control (ATC)
- Padfoot drum or padfoot segments
- HX versions
- ACE^{force} compaction measurement (absolute values) and ADS documentation system
- GPS mapping for ACE systems