

ASC 130

SOIL COMPACTOR
Tier 3

AMMANN

English

MEETING THE CHALLENGE

The Ammann ASC 130 Tier 3 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 HT and HD 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

EASY ACCESS

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

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

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

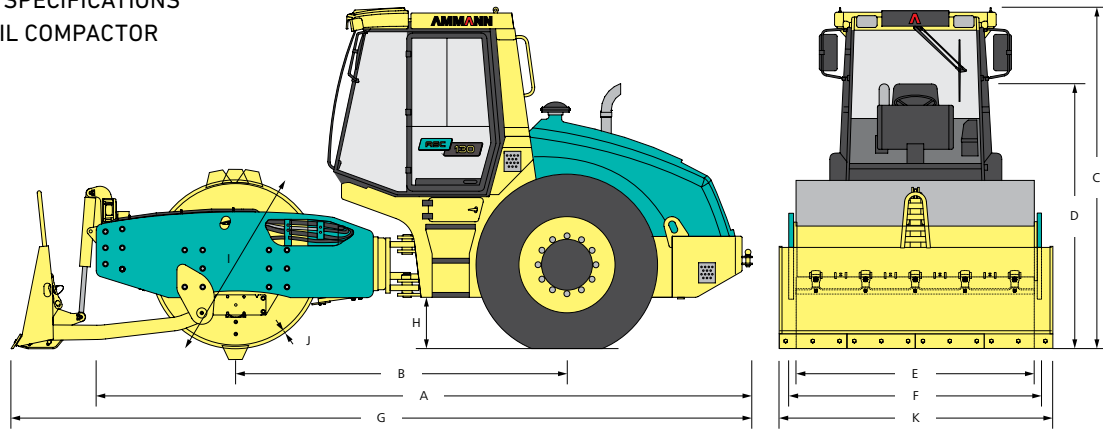
	Rockfill	Sand / Gravel	Mixed Soils	Silt	Clay
ASC 130 D	*1 m (39 in)	*0.7 m (28 in)	*0.6 m (24 in)	0.45 m (18 in)	0.27 m (11 in)
ASC 130 PD	–	–	*0.6 m (24 in)	*0.45 m (18 in)	*0.32 m (13 in)

*Recommended drum type

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TECHNICAL SPECIFICATIONS
ASC 130 SOIL COMPACTOR
Tier 3



DIMENSIONS

		D	PD
A	MACHINE LENGTH	5780 mm (227.6 in)	5780 mm (227.6 in)
B	WHEELBASE	2878 mm (113.4 in)	2878 mm (113.4 in)
C	MACHINE HEIGHT	3070 mm (120.9 in)	3070 mm (120.9 in)
D	MACHINE HEIGHT (REMOVED CAB / ROPS)	2400 mm (94.5 in)	2400 mm (94.5 in)
E	DRUM WIDTH	2130 mm (83.9 in)	2130 mm (83.9 in)
F	MACHINE WIDTH	2258 mm (88.9 in)	2258 mm (88.9 in)
G	MACHINE LENGTH (BLADE)	-	6557 mm (258.2 in)
H	GROUND CLEARANCE	430 mm (17 in)	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)
K	MACHINE WIDTH (BLADE)	-	2441 mm (96.2 in)

MISCELLANEOUS

BRAKES OPERATING	Hydrostatic
BRAKES PARKING	Multiple-disc spring brake
BRAKES EMERGENCY	Multiple-disc spring brake
FUEL TANK CAPACITY	410 l (108.3 gal)
VOLTAGE	24 V

WEIGHT & OPERATING CHARACTERISTICS

	D	HT	HD	PD	HTPD	HDPD
OPERATING WEIGHT	12 510 kg (27 580 lb)	13 750 kg (30 310 lb)	13 750 kg (30 310 lb)	12 740 kg (28 090 lb)	13 790 kg (30 400 lb)	13 790 kg (30 400 lb)
MAXIMUM WEIGHT	16 390 kg (36 130 lb)	16 430 kg (36 220 lb)	16 430 kg (36 220 lb)	14 920 kg (32 890 lb)	14 770 kg (32 560 lb)	14 770 kg (32 560 lb)
STATIC LINEAR LOAD	39.1 kg/cm (219 lb/in)	-	-	-	-	-
MAX. TRANSPORT SPEED	13 km/h (8.08 MPH)	8.2 km/h (5.1 MPH)	9.2 km/h (5.72 MPH)	12.8 km/h (7.95 MPH)	8.6 km/h (5.34 MPH)	9.6 km/h (5.97 MPH)
MAX. WORKING SPEED	5.6 km/h (3.48 MPH)	3.7 km/h (2.3 MPH)	4.1 km/h (2.55 MPH)	5.6 km/h (3.48 MPH)	3.8 km/h (2.36 MPH)	4.2 km/h (2.61 MPH)
CLIMBING ABILITY	45 %	58 %	55 %	45 %	58 %	55 %
TURNING RADIUS INNER (EDGE)	3050 mm (120.1 in)	3050 mm (120.1 in)	3050 mm (120.1 in)	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)

COMPACTION FORCES

	D / HT / HD	PD / HTPD / HDPD
FREQUENCY I	30 Hz (1800 VPM)	30 Hz (1800 VPM)
FREQUENCY II	36 Hz (2160 VPM)	36 Hz (2160 VPM)
FREQUENCY ACE MIN./MAX.	-	-
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)
AMPLITUDE ACE MIN./MAX.	-	-
CENTRIFUGAL FORCE I	300 kN	300 kN
CENTRIFUGAL FORCE II	230 kN	230 kN
CENTRIF. FORCE ACE MIN./MAX.	-	-

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

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
- Dozer blade
- HD and HT versions
- ACE^{force} compaction measurement (absolute values) and ADS documentation system
- GPS mapping for ACE systems