ASC 200

SOIL COMPACTOR
Tier 3

A HEAVY-DUTY ROLLER

The Ammann ASC 200 Tier 3 Soil Compactor goes to work on jobsites where the ultimate compaction power is needed, including sub-bases for heavy transportation construction such as railways, airfields and harbours. It combines advanced amplitude and vibratory systems with a heavier operating weight of 20710 kg to deliver industry-leading compaction outputs. Options can make the machine even more productive, including an HT and HD versions that excels on jobsites where high tractive efforts are required.

OPTIONAL ACE^{force} 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

OPERATOR FRIENDLY

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

INDUSTRY-LEADING COMPACTION

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

APPLICATIONS

- Large jobsites
- Heavy transport construction (sub-base of railways, airfields, water dams, harbours)

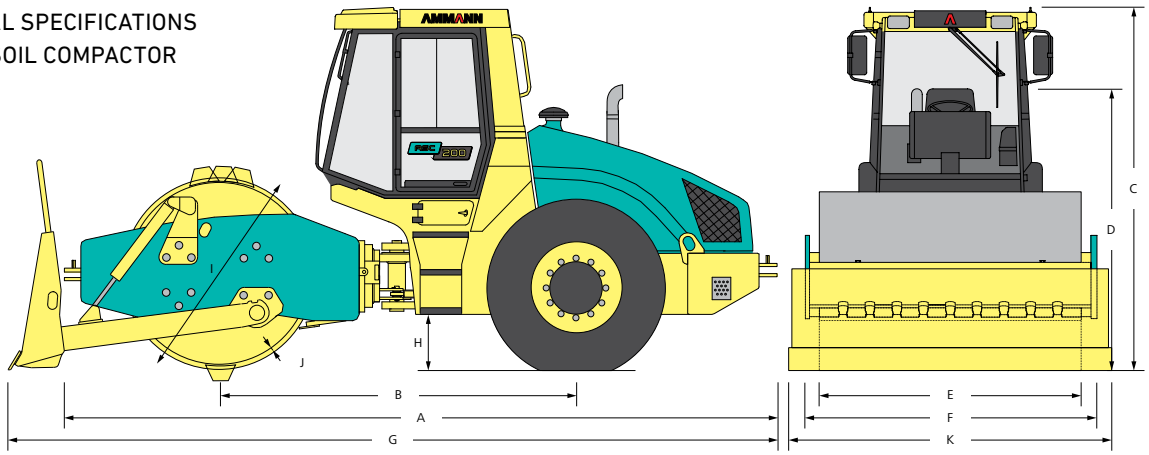
MAXIMUM RECOMMENDED COMPACTED LIFT THICKNESS AT OPTIMAL WORKING CONDITIONS

	Rockfill	Sand / Gravel	Mixed Soils	Silt	Clay
ASC 200 D	*1.8 m (71 in)	*1.1 m (45 in)	*0.9 m (35 in)	0.7 m (28 in)	0.35 m (14 in)
ASC 200 PD	–	–	*0.9 m (35 in)	*0.7 m (28 in)	*0.4 m (16 in)

*Recommended drum type

AMMANN

TECHNICAL SPECIFICATIONS
ASC 200 SOIL COMPACTOR
Tier 3



DIMENSIONS

		D	PD
A	MACHINE LENGTH	6300 mm (248.1 in)	6300 mm (248.1 in)
B	WHEELBASE	3160 mm (124.5 in)	3160 mm (124.5 in)
C	MACHINE HEIGHT	3265 mm (128.6 in)	3265 mm (128.6 in)
D	MACHINE HEIGHT (REMOVED CAB / ROPS)	2580 mm (101.6 in)	2580 mm (101.6 in)
E	DRUM WIDTH	2240 mm (88.2 in)	2240 mm (88.2 in)
F	MACHINE WIDTH	2500 mm (98.5 in)	2500 mm (98.5 in)
G	MACHINE LENGTH (BLADE)	–	6790 mm (267.4 in)
H	GROUND CLEARANCE	500 mm (19.7 in)	500 mm (19.7 in)
I	DRUM DIAMETER	1700 mm (67 in)	1840 mm (72.5 in)
J	DRUM SHELL THICKNESS	45 mm (1.8 in)	30 mm (1.2 in)
K	MACHINE WIDTH (BLADE)	–	3000 mm (118.2 in)

MISCELLANEOUS

BRAKES OPERATING	Hydrostatic
BRAKES PARKING	Multiple-disc spring brake
BRAKES EMERGENCY	Multiple-disc spring brake
FUEL TANK CAPACITY	405 l (106.99 gal)
VOLTAGE	24 V

COMPACTION FORCES

	D /HT /HD	PD / HTPD / HDPD
FREQUENCY I	28 Hz (1680 VPM)	28 Hz (1680 VPM)
FREQUENCY II	34 Hz (2040 VPM)	34 Hz (2040 VPM)
FREQUENCY ACE MIN./MAX.	–	–
AMPLITUDE I	2 mm (0.079 in)	2 mm (0.079 in)
AMPLITUDE II	1 mm (0.039 in)	1 mm (0.039 in)
AMPLITUDE ACE MIN./MAX.	–	–
CENTRIFUGAL FORCE I	400 kN	400 kN
CENTRIFUGAL FORCE II	300 kN	300 kN
CENTRIF. FORCE ACE MIN./MAX.	–	–

ENGINE

MANUFACTURER	Cummins QSB 6.7-C220
POWER ACCORDING TO ISO 3046-1	164 kW (220 HP)
MAXIMUM TORQUE	949/1500 Nm/rpm
ENGINE COMPLIES WITH EMISSION REGULATIONS	EU Stage IIIA, U.S. EPA Tier 3

WEIGHT & OPERATING CHARACTERISTICS

	D	HT	HD	PD	HTPD	HDPD
OPERATING WEIGHT	20 710 kg (45 660 lb)	21 910 kg (48 300 lb)	21 910 kg (48 300 lb)	20 780 kg (45 810 lb)	21 980 kg (48 460 lb)	21 980 kg (48 460 lb)
MAXIMUM WEIGHT	25 790 kg (56 860 lb)	25 790 kg (56 860 lb)	25 790 kg (56 860 lb)	23 230 kg (51 210 lb)	23 230 kg (51 210 lb)	23 230 kg (51 210 lb)
STATIC LINEAR LOAD	63.2 kg/cm (353.9 lb/in)	63.2 kg/cm (353.9 lb/in)	63.2 kg/cm (353.9 lb/in)	–	–	–
MAX. TRANSPORT SPEED	12.2 km/h (7.58 MPH)	7.5 km/h (4.66 MPH)	8.7 km/h (5.41 MPH)	12.2 km/h (7.58 MPH)	7.6 km/h (4.72 MPH)	8.8 km/h (5.47 MPH)
MAX. WORKING SPEED	3.8 km/h (2.36 MPH)	3.3 km/h (2.05 MPH)	3.5 km/h (2.17 MPH)	3.9 km/h (2.42 MPH)	3.3 km/h (2.05 MPH)	3.6 km/h (2.24 MPH)
CLIMBING ABILITY	–	–	–	–	–	–
TURNING RADIUS INNER (EDGE)	3900 mm (153.5 in)	3900 mm (153.5 in)	3900 mm (153.5 in)	3900 mm (153.5 in)	3900 mm (153.5 in)	3900 mm (153.5 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
- Dozer blade
- HD and HT versions
- ACE^{force} compaction measurement (absolute values) and ADS documentation system
- GPS mapping for ACE systems

For additional product information and services please visit: **www.ammann-group.com**

Specifications are subject to change.

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