

ASC 250

SOIL COMPACTOR
Tier 3

WHEN SERIOUS COMPACTION IS REQUIRED

The Ammann ASC 250 Tier 3 Soil Compactor is the heaviest soil compactor in the Ammann lineup with a weight of 25330 kg. Its working width of 2240 mm helps the machine cover ground as well. The roller works where serious compaction power and productivity are needed, including sub-bases for heavy transportation construction such as railways, airfields and harbours. Versions of the roller are available that excel 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)

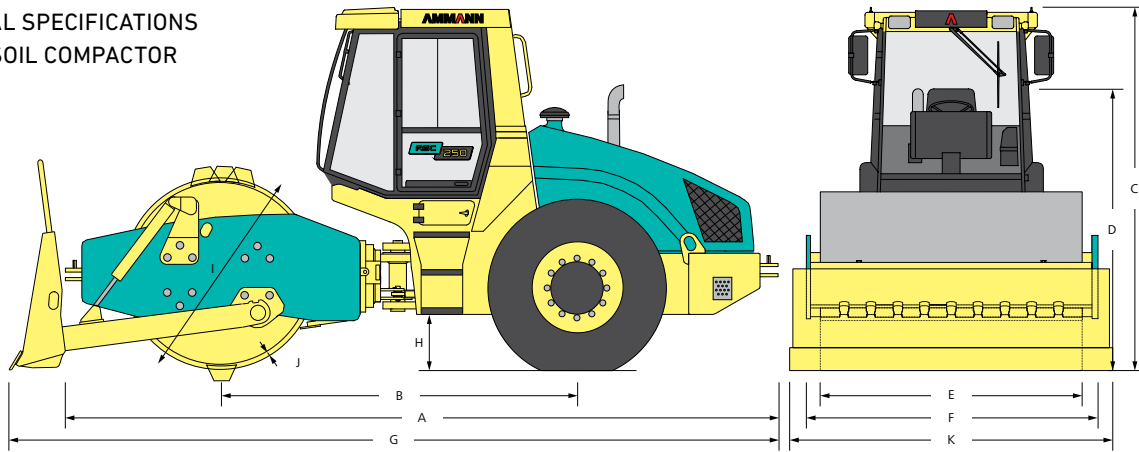
MAXIMUM RECOMMENDED COMPACTED LIFT THICKNESS AT OPTIMAL WORKING CONDITIONS

	Rockfill	Sand / gravel	Mixed soils	Silt	Clay
ASC 250 D	*2 m (79 in)	*1.3 m (51 in)	*1 m (39 in)	0.8 m (31 in)	0.45 m (18 in)
ASC 250 PD	-	-	*1 m (39 in)	*0.8 m (31 in)	*0.5 m (20 in)

*Recommended drum type

AMMANN

TECHNICAL SPECIFICATIONS
ASC 250 SOIL COMPACTOR
Tier 3



DIMENSIONS

	D	PD
A MACHINE LENGTH	6560 mm (258.3 in)	6560 mm (258.3 in)
B WHEELBASE	3290 mm (129.6 in)	3290 mm (129.6 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)	-	6990 mm (275.2 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	50 mm (2 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

WEIGHT & OPERATING CHARACTERISTICS

	D	HT	HD	PD	HTPD	HDPD
OPERATING WEIGHT	25 330 kg (55 840 lb)	25 330 kg (55 840 lb)	25 330 kg (55 840 lb)	25 520 kg (56 260 lb)	25 520 kg (56 260 lb)	25 520 kg (56 260 lb)
MAXIMUM WEIGHT	29 210 kg (64 400 lb)	29 210 kg (64 400 lb)	29 210 kg (64 400 lb)	26 770 kg (59 020 lb)	26 770 kg (59 020 lb)	26 770 kg (59 020 lb)
STATIC LINEAR LOAD	78.4 kg/cm (439 lb/in)	78.4 kg/cm (439 lb/in)	78.4 kg/cm (439 lb/in)	-	-	-
MAX. TRANSPORT SPEED	9.5 km/h (5.9 MPH)	7.1 km/h (4.41 MPH)	8.1 km/h (5.03 MPH)	9.5 km/h (5.9 MPH)	7.1 km/h (4.41 MPH)	8.2 km/h (5.1 MPH)
MAX. WORKING SPEED	3.5 km/h (2.17 MPH)	3 km/h (1.86 MPH)	3.3 km/h (2.05 MPH)	3.6 km/h (2.24 MPH)	3 km/h (1.86 MPH)	3.3 km/h (2.05 MPH)
CLIMBING ABILITY	45 %	60 %	55 %	50 %	60 %	55 %
TURNING RADIUS INNER (EDGE)	3815 mm (150.2 in)	3815 mm (150.2 in)	3815 mm (150.2 in)	3815 mm (150.2 in)	3815 mm (150.2 in)	3815 mm (150.2 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	28 Hz (1680 VPM)	28 Hz (1680 VPM)
FREQUENCY II	34 Hz (2040 VPM)	34 Hz (2040 VPM)
FREQUENCY ACE MIN./MAX.	-	-
AMPLITUDE I	2.2 mm (0.087 in)	2.2 mm (0.087 in)
AMPLITUDE II	1.1 mm (0.043 in)	1.1 mm (0.043 in)
AMPLITUDE ACE MIN./MAX.	-	-
CENTRIFUGAL FORCE I	460 kN	460 kN
CENTRIFUGAL FORCE II	340 kN	340 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

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