

# ASC 30

SOIL COMPACTOR  
Tier 4i



## TIGHT SPACES? NO PROBLEM

This compactor squeezes into tight jobsites and provides productivity when it gets there. Despite its smaller size, the ASC 30 – with a working width of 1200 mm – features a hydrostatic drive system and the high compaction force Ammann rollers are known for. It also works on multiple soil types and in difficult underfoot conditions.

## EXCEPTIONAL TRACTION

- Automatically adjusts if a drive component slips
- Only stops when both drive wheels and the drum are without traction, resulting in maximum gradeability on any type of ground
- Includes “twin-lock” traction control
- Offers no-axle concept for exceptional footing

## OPTIMUM COMPACTION FORCE

- Industry-leading compaction outputs
- Padfoot drum with optional smooth drum shells
- Low centre of gravity

## PRODUCTIVE IN SMALL SPACES

- Features articulation-oscillation joint
- Works flush against objects such as curbs
- Offers exceptional visibility for operator

## OPERATOR FRIENDLY

- Operator platform is mounted on vibration-free rubber mounts for highest comfort
- Drives energy into material and away from operator
- Has ROPS Operator platform
- Features 1-hand operation of all blade and vibration functions

## APPLICATIONS

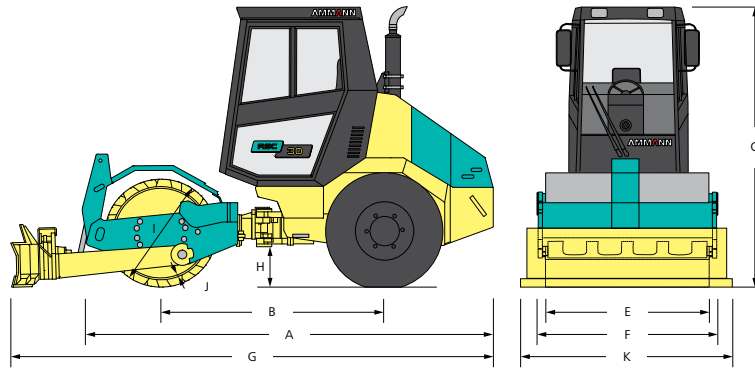
- Pipeline construction
- Social and industrial development areas
- Structure backfill work
- Confined work spaces
- Electric and cable
- Dumpsite construction
- Subbase of roads

**AMMANN**

## TECHNICAL SPECIFICATIONS

### ASC 30 SOIL COMPACTOR

Tier 4i



#### DIMENSIONS

	OPEN CAB	CAB
A MACHINE LENGTH	3190 mm (125.6 in)	3190 mm (125.6 in)
B WHEELBASE	1770 mm (69.7 in)	1770 mm (69.7 in)
C MACHINE HEIGHT	2470 mm (97.3 in)	2470 mm (97.3 in)
E DRUM WIDTH	1200 mm (47.3 in)	1200 mm (47.3 in)
F MACHINE WIDTH	1330 mm (52.4 in)	1330 mm (52.4 in)
G MACHINE LENGTH (BLADE)	3920 mm (154.4 in)	3920 mm (154.4 in)
H GROUND CLEARANCE	305 mm (12.1 in)	305 mm (12.1 in)
I DRUM DIAMETER	890 mm (35.1 in)	890 mm (35.1 in)
J DRUM SHELL THICKNESS	-	-
K MACHINE WIDTH (BLADE)	1450 mm (57.1 in)	1450 mm (57.1 in)

#### MISCELLANEOUS

BRAKES OPERATING	Hydrostatic
BRAKES PARKING	Multiple-disc spring brake
BRAKES EMERGENCY	Multiple-disc spring brake
FUEL TANK CAPACITY	78 l (20.6 gal)
VOLTAGE	12 V

#### WEIGHT & OPERATING CHARACTERISTICS

	OPEN CAB	CAB
OPERATING WEIGHT (CAB)	-	4100 kg (9040 lb)
OPERATING WEIGHT (OPEN CAB)	4030 kg (8880 lb)	-
MAXIMUM WEIGHT	4400 kg (9700 lb)	4470 kg (9850 lb)
STATIC LINEAR LOAD	-	-
MAX. TRANSPORT SPEED	4.2 km/h (2.6 MPH)	4.2 km/h (2.6 MPH)
CLIMBING ABILITY	40 %	40 %
TURNING RADIUS INNER (EDGE)	2700 mm (106.3 in)	2700 mm (106.3 in)

#### STANDARD EQUIPMENT

- ROPS structure
- Operator platform with guard rails
- Twin-lock drive system
- PD drum

#### COMPACTION FORCES

	OPEN CAB	CAB
FREQUENCY I	-	-
FREQUENCY II	36 Hz (2160 VPM)	36 Hz (2160 VPM)
FREQUENCY ACE MIN./MAX.	-	-
AMPLITUDE I	1.8 mm (0.07 in)	1.8 mm (0.07 in)
AMPLITUDE II	-	-
AMPLITUDE ACE MIN./MAX.	-	-
CENTRIFUGAL FORCE I	85 kN	85 kN
CENTRIFUGAL FORCE II	-	-
CENTRIF. FORCE ACE MIN./MAX.	-	-

#### ENGINE

MANUFACTURER	Kubota V2203 M
POWER ACCORDING TO ISO 3046-1	35.9 kW (48 HP)
MAXIMUM TORQUE	143.2/9 Nm/rpm
ENGINE COMPLIES WITH EMISSION REGULATIONS	EU Stage IIIA, U.S. EPA Tier 4 Interim



#### OPTIONAL EQUIPMENT

- Cabin
- Smooth drum shell kit
- 4 way Dozer Blade

For additional product information and services please visit:  
[www.ammann-group.com](http://www.ammann-group.com)

Specifications are subject to change.

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