AMMANN

Machines

Vibratory Rammers 62–83 kg

ACR 60 / ACR 68 / ACR 70 D

www.ammann-group.com

Full power with operator' s comfort in mind

Three machines for universal application

Universal machines

The Ammann range of rammers offers the highest performance, operator's comfort, economic viability, ergonomic design and useful optional equipment and therefore the optimal compaction machine for every construction application. The rammers can be operated under the toughest conditions in trench compaction work, back filling or in patch work on roads – even in the most confined areas.

Three strong characters

The Ammann rammers ACR 60 and ACR 68 have been developed in accordance with the newest ergonomic and environmental requirements. They are both powered by a Honda GX 100 4-stroke petrol engine with automatic oil alert system (including a well-visible LED-warning lamp) and with a carburetor with integrated pump which assures a better fuel injection leading to an always optimal engine start up.
The engine assures low emissions values meeting the US-EPA Tier III exhaust norms (important aspect for applications in confined areas with low air circulation). Furthermore it is resistant against dirty fuel and protected from damage by a solid metal casing.

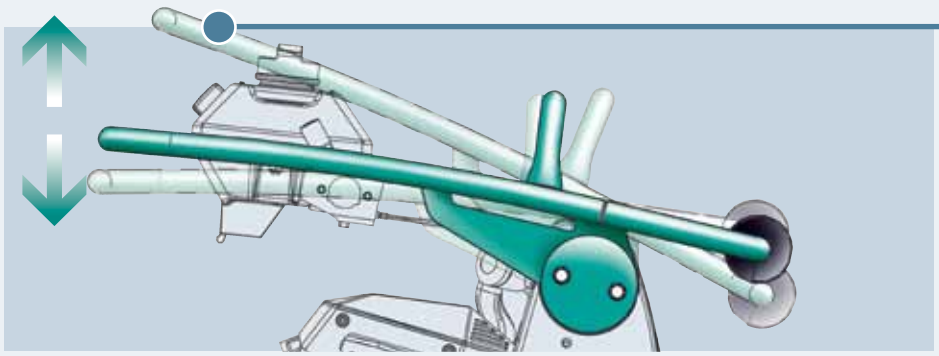
The high compaction performance combined with an extraordinary fast forward motion, the operating weights with exactly 62 kilos resp. 68 kilos and the extreme low center of gravity, due to the low mounted engine and the downward distribution of the mass make both machines very robust and reliable products.
A height-adjustable, vibration reducing handle and a fuel reservoir with extended volume of 3 litres lead to a fatigue free operation for longer periods.
Various sizes of shoe widths from 165 mm up to 400 mm assure a wide range of applications.

These new rammers contain many new and useful options:

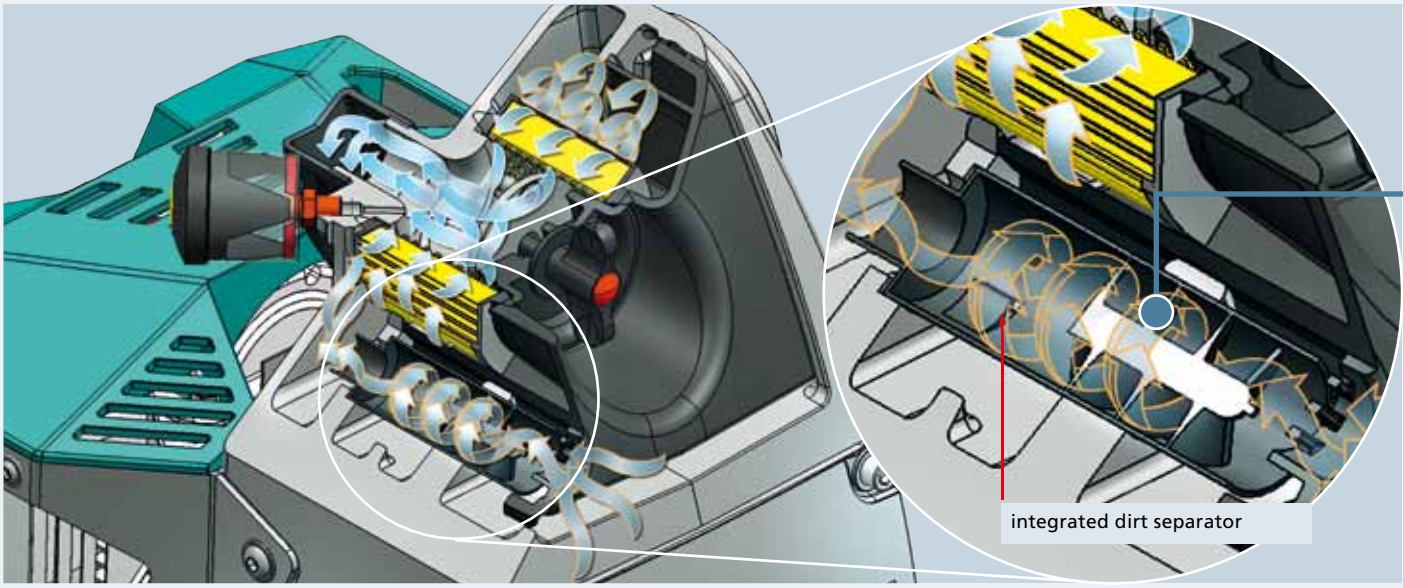
- The machine height has been reduced by approx. 10 cm due to a special adapter plate (for the operation in back fills, es pecially when using extremely narrow shoes)
- Cyclone pre cleaner for the air filter (gives up to five times longer service intervals)
- Air filter service indicator
- Operation hour meter with engine speed indicator and reminder for oil change

The range of Ammann rammers is completed by the robust and strong model ACR 70 D powered by a Yanmar diesel engine and an operating weight of 83 kilos. As usual with your heavy duty construction machinery this rammer consumes diesel fuel so that just one type of fuel has to be made available on the job site.

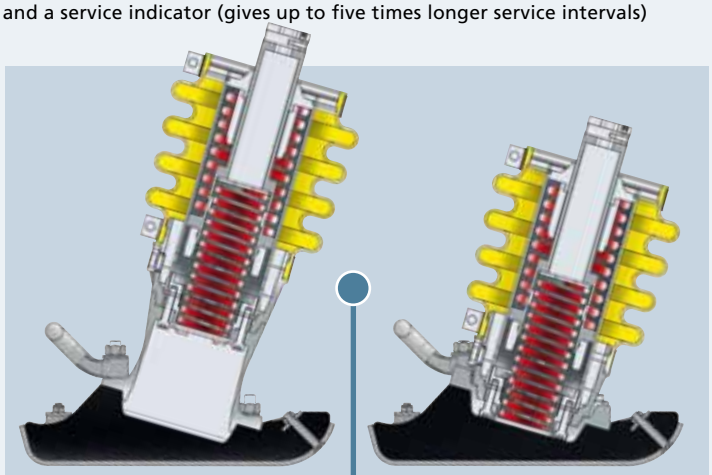
Highest flexibility in operation



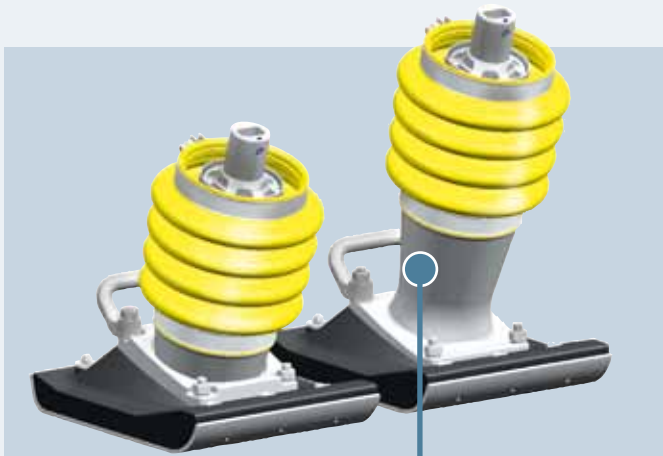
Optimal ergonomics thanks to height-adjustable guiding handle



Voluminous but finely woven air filter with self-cleaning effect optionally equipped with a cyclone pre cleaner and a service indicator (gives up to five times longer service intervals)



Option: reduction of machine height by approx. 10 cm by a special adapter plate



Option: reduction of machine height

More efficiency thanks to newest technology

High manoeuvrability in confined areas thanks to short guiding handle

Operator's comfort: sure-grip and vibration isolated guiding handle

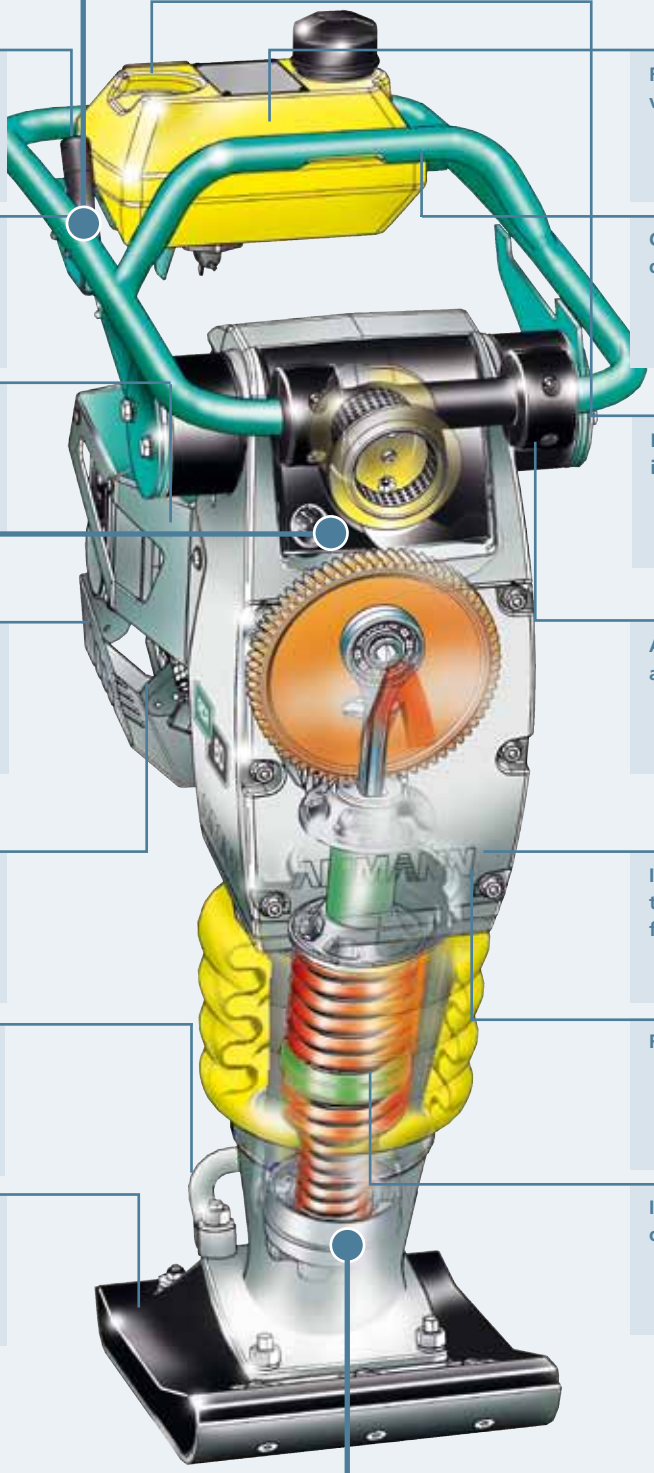
Modern carburetor with integrated accelerator pump for trouble-free quick engine start

Solid engine protection casing

Standard engine equipment: automatic oil alert system with LED warning lamp

Additional handle for easy transport and loading

Tamper shoe made of high quality synthetic material with integrated steel plate – option: Wear and tear steel plate protection on both sides



Fuel reservoir with extended volume and integrated filter

Convenient transport device with centering

Hourmeter with engine speed indicator

Additional rolls for easy loading and unloading

Improved forward motion thanks to lower center of gravity and fine tuned machine design

Robust gear box housing

Innovative spring assembly for a compact design of the spring leg

Several useful standard components

Best in class thanks to an extra-ordinary fast forward motion
due to the extreme low center of gravity

Patented height reduction of approximately 10 cm
using an adapter plate (option)

310 mm asymmetric: compaction work in trenches protected by shuttering systems without inclining the rammer during operation

280 mm option:
Wear and tear steel plate protection on both sides

Technical Data

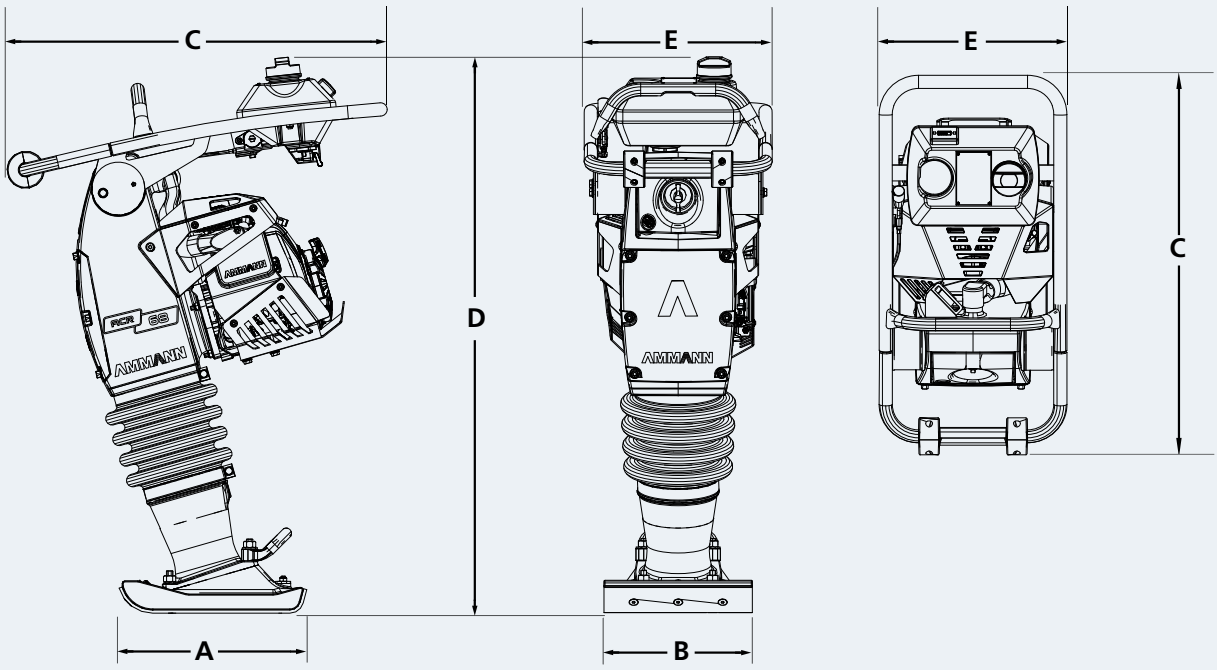
		ACR 60	ACR 68	ACR 70 D
		petrol	petrol	diesel
Working width	mm (in)	280 (11)	280 (11)	280 (11)
Operating weight	kg (lb)	62 (137)	68 (150)	83 (183)
Engine / Type		Honda GX 100	Honda GX 100	Yanmar L 48 AE
Engine output	HP (kW)	3 (2,2)	3 (2,2)	4,4 (3,2)
at rpm	1/min. (rpm)	4300	4300	3250
Percussion rate	blows / min. (bpm)	680	680	730
Stroke	mm (in)	65 (2,6)	65 (2,6)	60 (2,4)
Centrifugal force	kN (lbf)	11,5 (2,6)	13 (2,9)	14 (3,1
Surface capacity	m²/h (ft²/hr)	225 (2422)	225 (2422)	210 (2260)
Fuel tank capacity	l (gal)	3,5 (0,8)	3,5 (0,8)	3 (0,7)
Travel speed	m/min (mph)	13,5 (0,5)	3,5 (0,5)	13 (0,5)
max. compaction performance*	cm (in)	45 (18)	50 (20)	60 (23,6)
optional foot sizes width	mm	165-200-230-330-400	165-200-230-330-400	230-260-330-400
	(in)	(6,5-7,87-9,1-13-16)	(6,5-7,87-9,1-13-16)	(9,1-10-13-16)

Dimensions		A	B	C	D	E
ACR 60	mm	340	280	710	1020-1120	355
ACR 68	mm	340	280	710	1020-1120	355
ADS 70	mm	340	280	780	950	365

*depending on ground conditions

Specifications are subject to change due to technical improvements.

TÜVRheinland® CERT ISO 9001



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