



Machines

Vibratory Double Drum Roller ARW 65

www.ammann-group.com



One roller solves multiple tasks

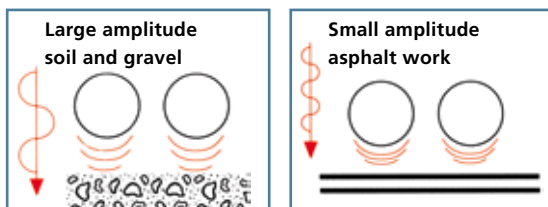
A universal machine

The economical, unique and multiple task roller, model ARW 65, can be used for soil compaction as well as for asphalt consolidation.

Two performance levels are available by a simple adjustment of the amplitude:

The large amplitude is used for soil and gravel compaction

With the small amplitude the unit can be used on black top and bituminous surfaces.



The roller is equipped with alternative versions of powerful and reliable Hatz Diesel Engines.

Hatz Supra 1 D 42 S is available with crank- or electric start. To avoid any possible down time in case of battery failure the engine always can be started manually.

Hatz 1 B 40 available with convenient electric start and economical manual rope start.

Fully hydraulic

Vibration- and drive components are fully hydraulic. To keep service intervals to a minimum the unit has no mechanical fast wearing parts such as v-belts, clutch etc. The hydraulic drive ensures variable speed adjustment and smooth starting/breaking action.

Entire side-clearance

No more additional and time consuming work on edges and in confined areas:

The side clearance on both sides allows compaction work extremely close to curbstones, retaining walls and other obstacles.

Electric start:

The more powerful Hatz 1 B 40 version carries electric start as a standard feature. E-start is definitely a recommended option on the Hatz 1 D 42 S version.



Safety is our highest priority:

Guide handle complete with dead man's handle
hydraulic parking brake
reduced reverse speed of 2.5 km/h



Fully hydraulic and much more

A condensed overview of benefits and advantages

Air-cooled Hatz Diesel engine with integrated Oil Alert System powerful, service friendly and low emissions values

Sturdy protection frame with central lifting point

Large Water tank (60L) made of wear resistant polyurethane water sprinkler system for compaction work on bituminous material

The ergonomic and low vibration handle is foldable for easy transport. The integrated dead man's handle ensures maximum operator safety

Hydrostatic lever for forward and reverse as well as centrifugal force adjustment

Standard feature: integrated hydraulic parking brake (P)

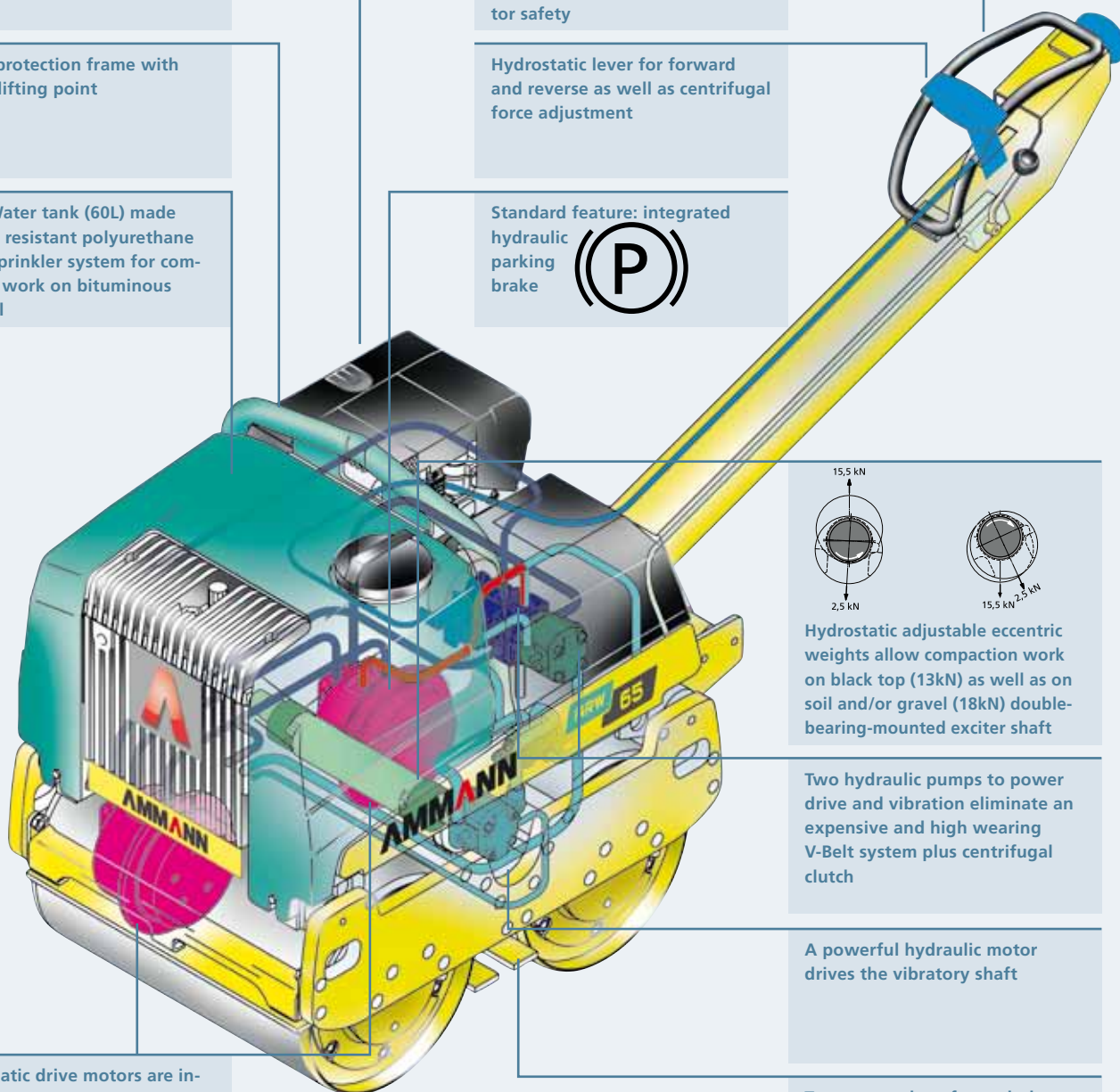
Hydrostatic adjustable eccentric weights allow compaction work on black top (13kN) as well as on soil and/or gravel (18kN) double-bearing-mounted exciter shaft

Two hydraulic pumps to power drive and vibration eliminate an expensive and high wearing V-Belt system plus centrifugal clutch

A powerful hydraulic motor drives the vibratory shaft

Hydrostatic drive motors are installed in both drums

Two scraper bars for each drum to ensure an absolute clean drum when working on asphalt



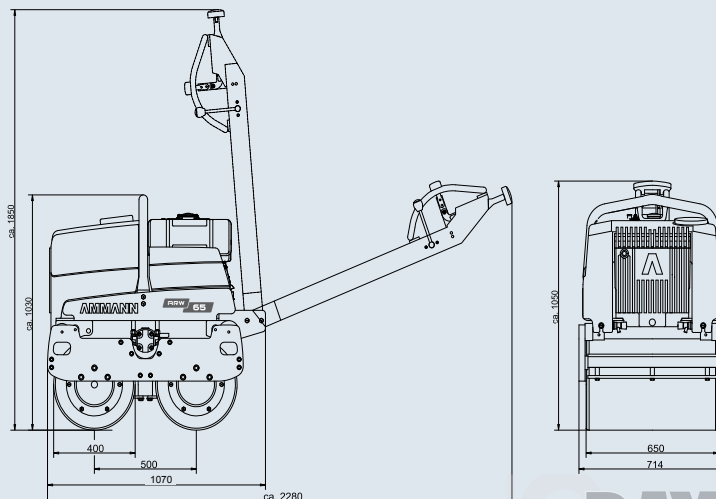


Technical Data

	ARW 65	ARW 65
	Hatz	Hatz
	1 D 42 S	1 B 40
Weight/Measurements		
operating weight CECE	kg (lb) 720 (2587)	700 (1543)
net weight, standard version	kg (lb) 695 (1532)	690 (1521)
net weight, electric starter	kg (lb) 715 (1576)	690 (1521)
working width	mm (in) 650 (26)	650 (26)
linear pressure	kg/cm (lb/in) 5 (28)	5,3 (30)
Drive	hydrostatic	hydrostatic
diesel engine	Hatz 1D42 S	Hatz 1B40
performance	HP (kW) 8,3 (6,1)	8,6 (6,3)
travel speed, infinitely forward	km/h (mph) 4 (2,5)	4 (2,5)
travel speed, infinitely reverse	km/h (mph) 2,5 (1,6)	2,5 (1,6)
Vibration	hydrostatic	hydrostatic
centrifugal force	kN (lbf) 13/18 (2,9/4)	13/18 (2,9/4)
centrifugal force per cm drum width	N/cm (lb/in) 100/138 (57/79)	100/138 (57/79)
frequency	Hz (vpm) 55 (3300)	55 (3300)
max. gradeability with/without vibration	% 25/45	25/45
Capacities		
water	l (gal) 60 (13)	60 (13)
hydraulic oil	l (gal) 20 (4,4)	20 (4,4)
fuel	l (gal) 5 (1,1)	5 (1,1)
fuel consumption	l/h (gal/hr) 1,7 (0,4)	1,2 (0,3)
electric starter	Option	serienmäßig
Optional equipment		
operating hour meter	x	x
front protection frame	x	x
Compaction performance* large/small amplitude		
sand/gravel	cm (in) 30/25 (11,8/9,8)	30/25 (11,8/9,8)
cohesive soil	cm (in) 20/15 (7,9/5,9)	20/15 (7,9/5,9)

* depending on ground condit

Specifications are subject to changes due to technical improvements.



BAYGAR