

RAMMAX

company of the Ammann Group
Vibratory Roller

Operating and service instructions



RW 1800 S/SP/SPT

RAMMAX

Maschinenbau GmbH
Gutenbergstraße 33
72555 Metzingen
Phone: ++49 (0) 7123 / 9223-0
Fax: ++49 (0) 7123 / 9223-50
E-Mail: Service@Rammax.de
Germany

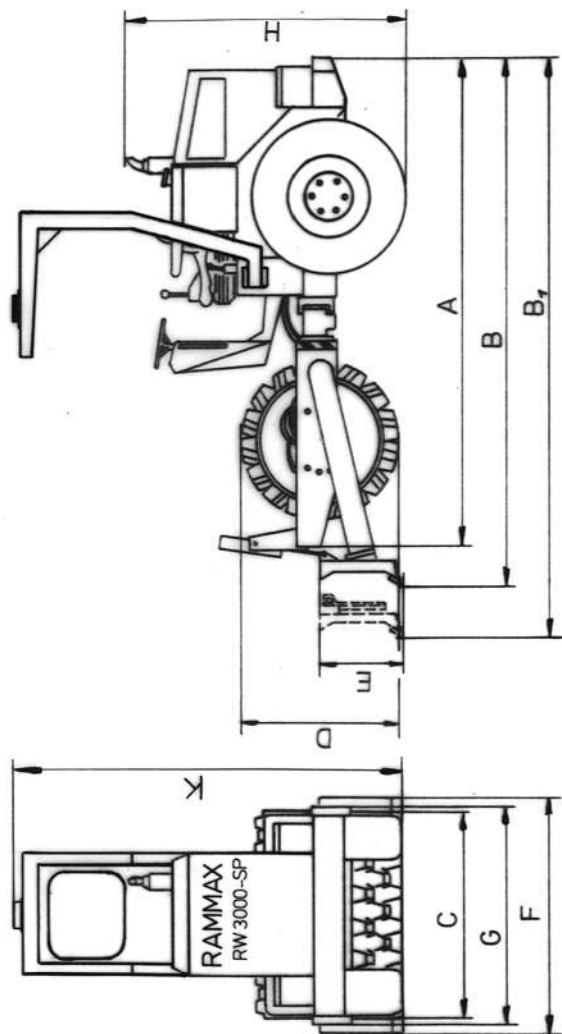
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YR® **YOUNG MAN
RICHARDSON
& CO. LTD.**

Printed in Germany

1.0 Technical specifications



1.1 Main dimensions

Dimensions in cm :		A	B ₁	B ₂	C	D	E	F	G	H ₁	K
RW 1800-S	:	274	----	----	90	79	---	----	130	167	226,5
RW 1800-SP	:	274	----	311	90	79	36	140	130	167	226,5
RW 1800-SPT	:	274	320	311	90	79	36	140	130	167	226,5

Weights :	RW 1800 S	RW 1800 SP	RW 1800 SPT
Dead weight :	1920 kg	2120 kg	2280 kg
Operating weight :	1970 kg	2190 kg	2340 kg
Centre axle load :	985 kg	1095 kg	1170 kg

Driving qualities :

Driving speed
forward/reverse :

with vibration :	0-2,7 km/h	0-2,7 km/h	0-2,7 km/h
without vibration :	0-2,7 km/h	0-2,7 km/h	0-2,7 km/h

Maximum gradeability :

with vibration :	45 %	45 %	45 %
without vibration :	45 %	45 %	45 %
Maximum inclination :	45 %	45 %	45 %

Drive :

Engine manufacturer :	Kubota	Kubota	Kubota
Type :	D-1403	D-1403	D-1403
Cooling :	water cooled	water cooled	water cooled
Number of cylinders :	3	3	3
Engine output :	22,8 kW (31 HP)	22,8 kW (31 HP)	22,8 KW (31 HP)
Number of revolutions :	2600 rpm	2600 rpm	2800 rpm
Battery :	12V 55Ah	12V 55Ah	12V 55Ah
Drive :	hydrostatic	hydrostatic	hydrostatic
Wheel shaft with drive :	front/rear	front/rear	front/rear
Electrical system :	12 V	12 V	12 V

Brakes :

Service brake :	hydrostatic	hydrostatic	hydrostatic
Parking brake :	mechanical	mechanical	mechanical

Steering :

Steering type :	articulated steering	articulated st.	articulated steering
Steering application :	hydrostatic	hydrostatic	hydrostatic

Vibration system :

Drive :	hydrostatic	hydrostatic	hydrostatic
Frequency :	34 Hz	34 Hz	34 Hz
Amplitude :	1,6 mm	1,6 mm	1,6mm
Centrifugal force :	64 kN (6400 kp)	64 kN (6400 kp)	64 kN (6400 kp)

Tank capacities :

Fuel :	40 l	40 l	40 l
Hydraulic oil :	140 l	140 l	140 l

Tires :

Number of tires :	2	2	2
Tire size :	7.50 - 16 AS	7.50 - 16 AS	7.50 - 16 AS

Inflation pressure :	2,5 bar	2,5 bar	2,5 bar
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