

UNBEATABLE PERFORMANCE

The new Rammer Performance Line hammers are your everyday solution for a wide range of breaking demands. Designed with proven Rammer features and standards, these Rammer Performance Line hammers offer more than just excellent power-to-weight ratio, they bring the quality reassurance that only a true Rammer hammer can bring.

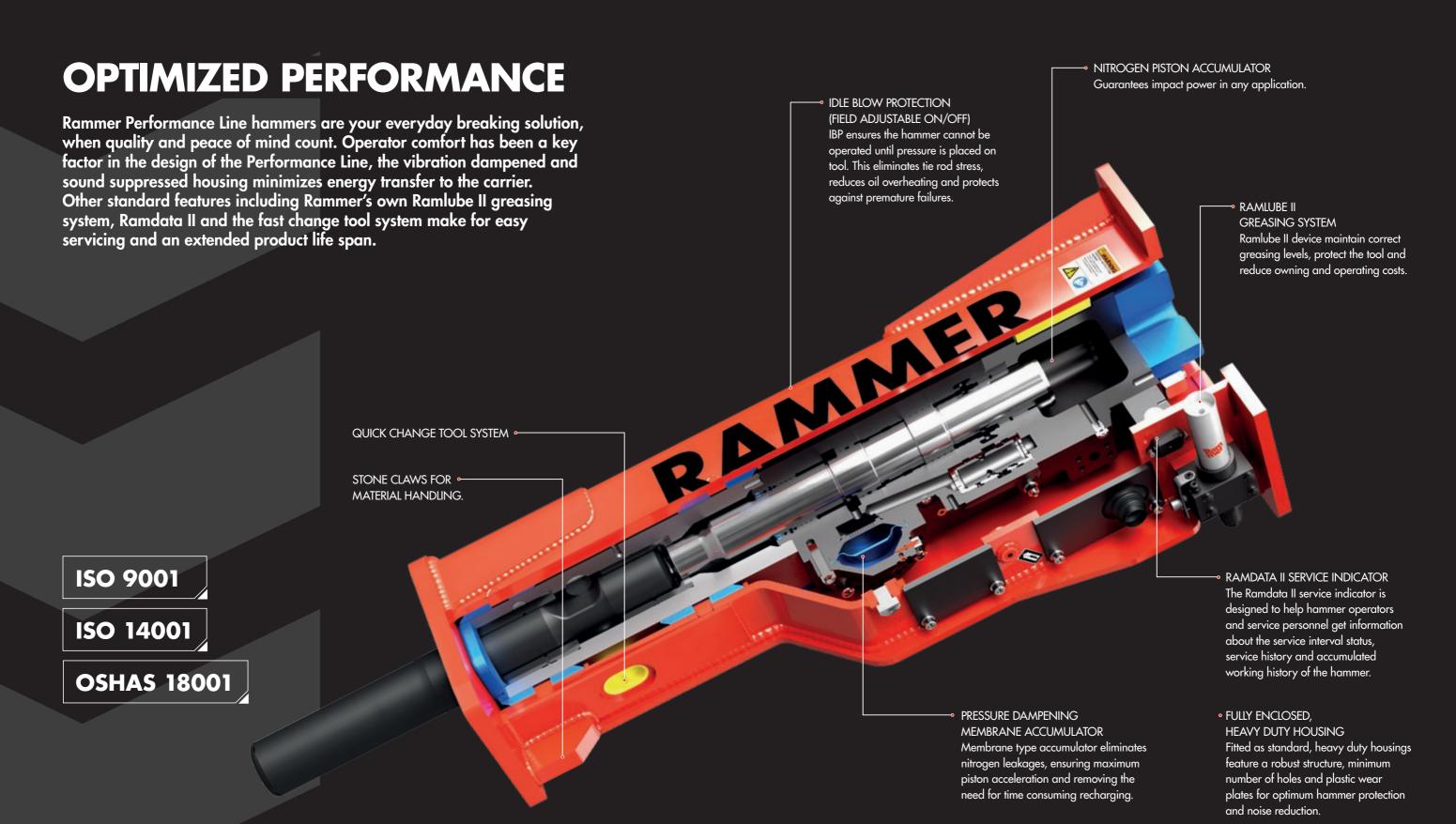
SANDVIK IS THE WORLD'S LEADING MANUFACTURER OF HYDRAULIC HAMMERS AND ATTACHMENTS. OVER THE PAST 40 YEARS, SANDVIK-OWNED RAMMER HAMMERS HAVE BEEN DEVELOPED IN CONJUNCTION WITH OUR CUSTOMERS ACROSS THE WORLD. AS A RESULT, THEY ARE TOUGH, DURABLE, RELIABLE AND OFFER THE MOST ECONOMICAL OWNING AND OPERATING COSTS WHILE DELIVERING MAXIMUM PRODUCTION.

40 YEARS OF INNOVATION

Manufacturing of Rammer branded hydraulic hammers started in 1978 – ever since it has grown to be a recognized world leader in the supply and support of hammers, and other hydraulic attachments such as demolition tools and breaker booms.

The Rammer brand and its reputation is built on quality: quality of manufacture, proven by its ISO standards, quality of support through the professional, worldwide dealer network and quality of exceptional people delivering the finest attachments in the mining and construction business.





ALL RAMMER PERFORMANCE LINE HAMMERS COME FULLY CE COMPLIANT, SUPPLIED BY SANDVIK, LAHTI, FINLAND. THEY ARE MANUFACTURED IN ACCORDANCE WITH ISO STANDARDS.

 VIBRATION AND SOUND SUPPRESSED

• EASY TO SERVICE

• EXCELLENT POWER-TO-WEIGHT RATIO

SMALL HAMMERS









	R01P	RO2P
Min. working weight, kg (lb)	95 (209)	130 (287)
Tool diameter, mm (in)	40 (1.57)	46 (1.81)
Oil flow range, I/min (gal/min)	15 - 25 (4 - 7)	15 - 40 (4 - 11)
Impact rate, bpm	700 - 1 400	450 - 1400
Operating pressure, bar (psi)	80 - 120 (1 160 - 1 <i>74</i> 0)	60 - 120 (870 - 1 740)
Pressure relief, min, bar (psi)	150 (2 176)	150 (2 176)
Pressure relief, max, bar (psi)	170 (2 466)	170 (2 466)
Back pressure, max, bar (psi)	20 (290)	20 (290)
Input power, kW (hp)	5 (7)	8 (11)
Miniexcavator range, ton (lb)	0.8 - 2.1 (1 800 - 4 600)	1.3 - 3.3 (2 900 - 7 300)
Skid steer range, ton (lb)	0.7 - 1.6 (1 500 - 3 500)	1.2 - 2.2 (2 600 - 4 900)
Noise level measured sound power level, LWA, dB(A)	110	111
Noise level quaranteed sound power level, LWA, dB(A)	114	115

	RO3P	R04P
Min. working weight, kg (lb)	180 (400)	285 (628)
Tool diameter, mm (in)	53 (2.09)	60 (2.36)
Oil flow range, I/min (gal/min)	25 - 50 (7 - 13)	30 - 60 (8 - 16)
Impact rate, bpm	600 - 1200	550 - 1050
Operating pressure, bar (psi)	75 - 120 (1 088 - 1740)	<i>7</i> 0 - 130 (1 015 - 1 885)
Pressure relief, min, bar (psi)	150 (2 176)	150 (2 176)
Pressure relief, max, bar (psi)	170 (2 466)	170 (2 466)
Back pressure, max, bar (psi)	20 (290)	20 (290)
Input power, kW (hp)	10 (13)	13 (1 <i>7</i>)
Miniexcavator range, ton (lb)	2.0 - 4.4 (4 400 - 9 700)	3.0 - 6.0 (6 600 - 13 200)
Skid steer range, ton (lb)	1.4 - 3.2 (3 100 - 7 100)	2.0 - 3.7 (4 400 - 8 200)
Noise level measured sound power level, LWA, dB(A)	112	114
Noise level quaranteed sound power level, LWA, dB(A)	116	118

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SMALL HAMMERS









	RO5P	RO7P
Min. working weight, kg (lb)	325 (720)	400 (880)
Tool diameter, mm (in)	68 (2.68)	75 (2.95)
Oil flow range, I/min (gal/min)	35 - 70 (9 - 18)	45 - 90 (12 - 24)
Impact rate, bpm	400 - 1050	450 - 950
Operating pressure, bar (psi)	110 - 155 (1 595 - 2 250)	80 - 140 (1 160 - 2 031)
Pressure relief, min, bar (psi)	200 (2 901)	200 (2 901)
Pressure relief, max, bar (psi)	220 (3 191)	220 (3 191)
Back pressure, max, bar (psi)	15 (218)	15 (218)
Input power, kW (hp)	18 (24)	21 (28)
Miniexcavator range, ton (lb)	4.0 - 7.5 (8 800 - 16 500)	5 - 9 (11 000 - 19 800)
Skid steer range, ton (lb)	3.0 - 5.2 (6 600 - 11 500)	3.5 - 6.0 <i>(7 7</i> 00 - 13 200)
Noise level measured sound power level, LWA, dB(A)	115	11 <i>7</i>
Noise level quaranteed sound power level, LWA, dB(A)	119	121

	R10P	R12P
Min. working weight, kg (lb)	530 (1 168)	830 (1 830)
Tool diameter, mm (in)	85 (3.35)	90 (3.54)
Oil flow range, I/min (gal/min)	50 - 95 (13 - 25)	60 - 100 (16 - 26)
Impact rate, bpm	450 - 900	380 - 750
Operating pressure, bar (psi)	110 - 160 (1 595 - 2 311)	100 - 160 (1 450 - 2 320)
Pressure relief, min, bar (psi)	200 (2 901)	200 (2 901)
Pressure relief, max, bar (psi)	220 (3 191)	220 (3 191)
Back pressure, max, bar (psi)	15 (218)	15 (218)
Input power, kW (hp)	25 (34)	27 (36)
Miniexcavator range, ton (lb)	6 - 12 (13 200 - 26 500)	9 - 14 (19 800 - 30 900)
Skid steer range, ton (lb)	4 - 7.5 (8 800 - 16 500)	N/A
Noise level measured sound power level, LWA, dB(A)	119	121
Noise level quaranteed sound power level, LWA, dB(A)	123	125

MEDIUM AND LARGE HAMMERS









	R18P	R25 P
Min. working weight, kg (lb)	1240 (2730)	1650 (3640)
Tool diameter, mm (in)	120 (4.72)	135 (5.31)
Oil flow range, I/min (gal/min)	100 - 140 (26.4 - 37)	130 - 170 (34.3 - 44.9)
Impact rate, bpm	280 - 760	390 - 700
Operating pressure, bar (psi)	160 - 180 (2320 - 2610)	160 - 180 (2320 - 2610)
Pressure relief, min, bar (psi)	200 (2900)	200 (2900)
Pressure relief, max, bar (psi)	220 (3190)	220 (3190)
Back pressure, max, bar (psi)	10 (145)	10 (145)
Input power, kW (hp)	42 (56)	51 (68)
Carrier weight, allowed range, t (lb)	15 - 23 (33069 - 50706)	20 - 29 (44092 - 63934)
Noise level measured sound power level, LWA, dB(A)	119	121
Noise level augranteed sound power level, LWA, dB(A)	123	125

	R35P	R45P
Min. working weight, kg (lb)	2320 (5110)	2950 (6500)
Tool diameter, mm (in)	150 (5.91)	165 (6.50)
Oil flow range, I/min (gal/min)	150 - 200 (39.6 - 52.8)	200 - 250 (52.8 - 66.0)
Impact rate, bpm	400 - 700	360 - 630
Operating pressure, bar (psi)	160 - 180 (2320 - 2610)	160 - 180 (2320 - 2610)
Pressure relief, min, bar (psi)	210 (3045)	210 (3045)
Pressure relief, max, bar (psi)	230 (3335)	230 (3335)
Back pressure, max, bar (psi)	10 (145)	10 (145)
Input power, kW (hp)	60 (80)	<i>75</i> (101)
Carrier weight, allowed range, t (lb)	27 - 40 (59524 - 88184)	36 - 53 (79366 - 116844)
Noise level measured sound power level, LWA, dB(A)	118	124
Noise level quaranteed sound power level, LWA, dB(A)	122	128



GREASING AND DATA OPTIONS

A hammer's tool is subject to extreme wear that requires proper lubrication and care to achieve a long, trouble-free life. Tool lubricant must have properties to withstand high temperature and extreme pressure. Special tool lubricants and automatic tool lubrication systems, which have been especially designed to work with Rammer products, are available from your local Rammer dealer.



Rammer Tool grease

Tool grease is essential when using most hydraulic hammers. It needs to withstand high temperatures and pressure. Our special tool grease has been specially formulated to be used with our products.



Ramlube

A hammer's tool is subject to extreme wear that requires proper lubrication and care in order to achieve a long, trouble-free life. Tool lubricant must withstand high temperature and extreme pressure. We have designed special tool lubricants and automatic tool lubrication systems specifically to work with Rammer hydraulic hammers.



Ramlube II

The Ramlube II kit is mounted on the hammer housing. For optimum wear and impact protection, the system features no external electric cables or hydraulic hoses. Available as a retrofit option, Ramlube II is a standard feature for Rammer R18P and larger models. It is ideally suited to applications in which the hammer is required to work with more than one carrier.



Ramdata II

The Ramdata II service indicator is designed to help hammer operators and service personnel to get information about the service interval status, service history and accumulated working history of the hammer. Ramdata II is a standard feature to Rammer R18P and larger models.

PERFORMANCE LINE TOOL OPTIONS

Chisel tool

- Non-abrasive but tough rock or concrete
- For material, which has low or medium penetration rate



Moil point tool

- Where chisels have excessive retaining pin groove wear
- Soft and nonabrasive rock
- General demolition of concrete



Pyramid point tool

- Soft, non-abrasive and tough rock and especially concrete
- Materials requiring high penetration rate
- Where chisels have excessive retaining pin groove wear



Blunt tool

- Hard rock with low or medium abrasive
- Boulder breaking or concrete demolition
- Application where tool wear rate is low





GLOBAL DEALER NETWORK

Sandvik sells and supports its Rammer-branded products through a global dealer network that operates in 130 countries around the world.

YOUR LOCAL RAMMER DEALER



Sandvik Mining and Construction Oy Taivalkatu 8, P.O.Box 165 FI- 15101 Lahti, Finland Phone Int. +358 205 44 151 www.rammer.com