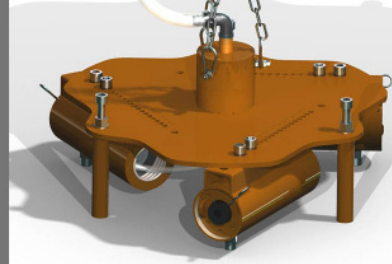




The Allied IDEAL Rammer (AIR) For IDEAL refractory installations

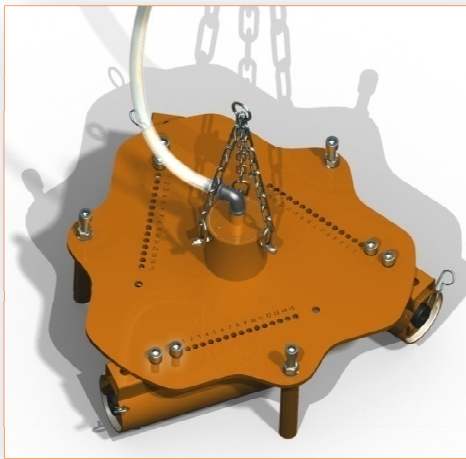
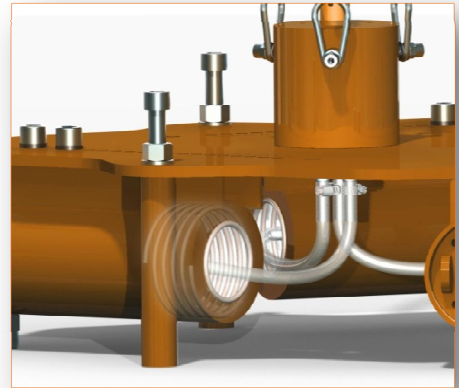


Benefits:

- Adjustable to different size coreless induction furnaces (1 ton - 50 tons)
- Self-rotating
- Pneumatically operated

1. Automatic Spring Loaded Mechanism

Mechanism pushes the cylinder out, eliminating the need to adjust the ramming diameter during operation, even in tapered forms!

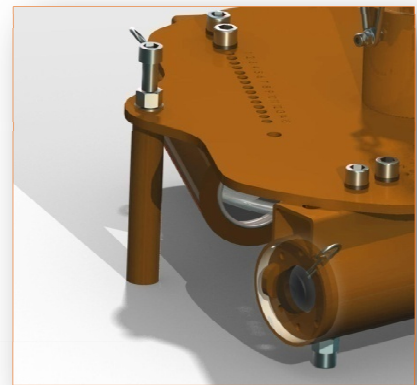
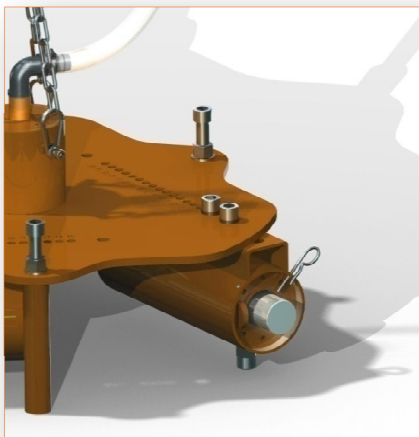


2. Adjustable Ramming Diameter

Removable bolts lock the body of the rammer to the cylinder, allowing for the adjustment of the ramming diameter.

3. Pin to Position Design

The pin to position design keeps the pin away from the form for better impact.



4. Piston Extension Adapter

Unique feature allows the piston to adjust for optimized contact with metal form.

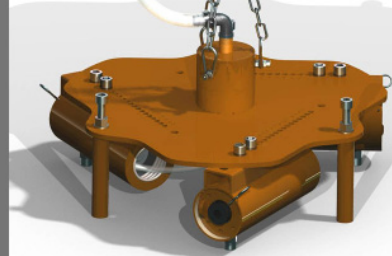


Allied Mineral Products, Inc.
2700 Scioto Parkway • Columbus, Ohio 43221 USA
Tel: 614-876-0244 • Fax: 614-876-0981
Inquiries: allied@alliedmin.com • alliedmineral.com





The Allied IDEAL Rammer (AIR) For IDEAL refractory installations



WALL RAMMING MACHINE SIZES

ITEM CODE	MIN. DIA mm (inch)	MAX. DIA. mm (inch)	WEIGHT (kg / lbs)
			Gross
RAM.2ARM. M01	330 (13)	510 (20)	34 / 75
RAM.2ARM. S01	380 (15)	610 (24)	59 / 130
RAM.2ARM. S02	485 (19)	710 (28)	64 / 140
RAM.2ARM. S03	510 (20)	890 (35)	77 / 170
RAM.3ARM. S04	610 (24)	990 (39)	80 / 175
RAM.3ARM. S05	510 (20)	890 (35)	91 / 200
RAM.3ARM. S06	610 (24)	990 (39)	95 / 210
RAM.3ARM. S07	710 (28)	1090 (43)	105 / 230
RAM.3ARM. S08	810 (32)	1190 (47)	109 / 240
RAM.3ARM. S09	915 (36)	1295 (51)	120 / 265
RAM.3ARM. S10	1020 (40)	1400 (55)	136 / 300
RAM.3ARM. S11	1120 (44)	1500 (59)	150 / 330
RAM.5ARM. S12	915 (36)	1295 (51)	120 / 265
RAM.5ARM. S13	1020 (40)	1400 (55)	182 / 400
RAM.5ARM. S14	1120 (44)	1500 (59)	209 / 460
RAM.5ARM. S15	1220 (48)	1600 (63)	230 / 505
RAM.5ARM. S16	1320 (52)	1700 (67)	275 / 605
RAM.5ARM. S17	1420 (56)	1800 (71)	291 / 640

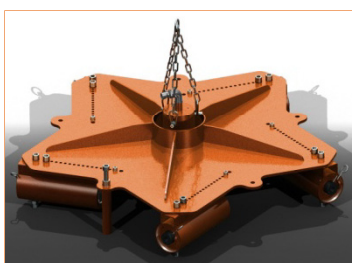
BOTTOM RAMMING MACHINE SIZES

ITEM CODE	DIAMETER mm (inch)	WEIGHT (kg / lbs)
		Gross
RAM.1BR.M01	305 (12)	34 / 75
RAM.1BR.S01	405 (16)	39 / 85
RAM.1BR.S02	510 (20)	45 / 100
RAM.1BR.S03	610 (24)	55 / 120
RAM.1BR.S04	710 (28)	64 / 140
RAM.1BR.S05	810 (32)	80 / 175
RAM.1BR.S06	890 (35)	91 / 200
RAM.1BR.S07	990 (39)	105 / 230
RAM.1BR.S08	1090 (43)	118 / 260
RAM.1BR.S09	1190 (47)	141 / 310
RAM.1BR.S10	1295 (51)	159 / 350
RAM.1BR.S11	1400 (55)	180 / 395
RAM.1BR.S12	1500 (59)	209 / 460
RAM.1BR.S13	1600 (63)	230 / 505
RAM.1BR.S14	1700 (67)	245 / 540

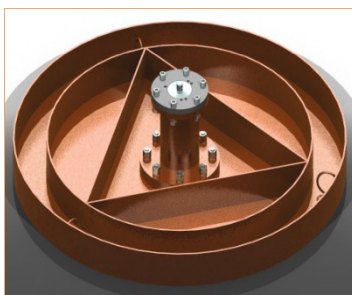
Crane System (optional)



**Crane System & PLC
Control Panel
(optional)**



Five Arm Rammer



Bottom Rammer

