



Lobster® Tools



EVOLUTION OF OUR ENGINEER SPIRITS

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Hydraulic Fluid

- Available in convenient 6 oz. applicator
- Part No. 10012



Nosepieces / Framehead

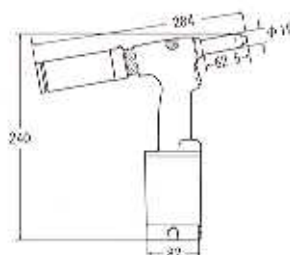
- Extended nosepieces available in 3.2mm (1/8"), 4.0mm (5/32") and 4.8mm (3/16") diameter
- M' size only
- 10mm, 15mm and 20mm lengths available for all three diameters
- Dimensions-long frame head- Diameter=23.0mm (0.906"), Length=130mm (5.12"); nosepieces-see chart
- Contact your Lobster dealer for more information

EXTENDED 'M' NOSEPIECES REFERENCE GUIDE

Rivet Size	Part No.	L	D
3.2mm (1/8")	21481	10mm (.394")	6.5mm (.256")
	21483*	15mm (.590")	6.5mm (.256")
	18787*	20mm (.787")	6.5mm (.256")
4.0mm (5/32")	21485	10mm (.394")	7.0mm (.276")
	21484*	15mm (.590")	7.0mm (.276")
	15781*	20mm (.787")	7.0mm (.276")
4.8mm (3/16")	21486	10mm (.394")	7.5mm (.295")
	21486*	15mm (.590")	7.5mm (.295")
	15785*	20mm (.787")	7.5mm (.295")

*Requires a longer rivet "and/or" a secondary machining operation

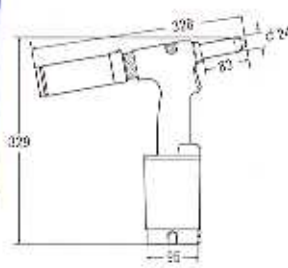
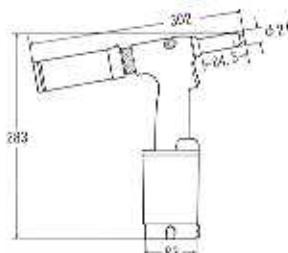
AR-2000SV



AR-2000MV



AR-2000HV



AR-2000SV

- Lightweight, with excellent power-to-weight ratio
- Soft-Set® shockless technology offers ergonomically correct action to minimize risk of CTDs (cumulative trauma disorders)
- Ultra Jaws for longer life
- Noise-reducing muffler
- Sets up to 3.2mm(1/8") standard rivets in all materials, and 4.0mm(5/32") standard rivets in aluminum and steel
- Wear-resistant surfaces extend tool life
- Air hose can be connected to either side of tool for flexibility in use
- Long stroke
- Integrated vacuum system with an easy 'ON-OFF' switch for mandrel retention and collection
- Mandrel collection tank design allows for easy disposal of spent mandrels

AR-2000MV

- Same features as AR-2000SV
- Sets up to 4.8mm(3/16") standard rivets in all materials

AR-2000HV

- Same features as AR-2000SV
- Sets up to 6.4mm(1/4") standard rivets in all materials

Model	Riveting Capacity	Traction Power	Stroke	Working Air Pressure	Air Consumption/Rivet Cycle	Tool Dimensions	Nosepiece	Frame Head	Jaws	Hose Joint	Auxiliary Kit
AR-2000SV Small Vacuum	For setting standard blind rivets up to 3.2 mm (1/8") in all materials, up to 4.0 mm (5/32") in aluminum and steel	429 kg (946 lbs) (4268 N)	14.0 mm (0.547")	5-6 kg/cm ² (71-85 p.s.i.)	3.6 l/min/rev (0.021 cu ft)	H: 240 mm (9.449") L: 284 mm (11.181") W: 1.10 kg (2.43 lbs)	Standard: 2.4-4.0 mm (3/32-5/32") L: 6.5 mm (0.256") D: 7.5 mm (0.295")	L: 56 mm (2.205") D: 19 mm (0.748")	S	G 1/4" straight	3 Nosepieces: 2.4 mm (3/32") 3.2 mm (1/8") 4.0 mm (5/32")
AR-2000MV Medium Vacuum	For setting standard blind rivets up to 4.8 mm (3/16") in all materials	818 kg (1804 lbs) (8024 N)	16.0 mm (0.629")	5-6 kg/cm ² (71-85 p.s.i.)	1.7 l/min/rev (0.090 cu ft)	H: 283 mm (11.142") L: 332 mm (13.071") W: 1.20 kg (2.65 lbs)	Standard: 2.4-4.8 mm (3/32-3/16") L: 5.5 mm (0.216") D: 7.5 mm (0.295")	L: 56 mm (2.205") D: 21 mm (0.827")	"H" Ultra	G 1/4" straight	4 Nosepieces: 2.4 mm (3/32") 3.2 mm (1/8") 4.0 mm (5/32") 4.8 mm (3/16")
AR-2000HV Heavy Duty Vacuum	For setting standard blind rivets 4.8-6.4 mm (3/16-1/4") in all materials	1247 kg (2750 lbs) (12232 N)	18.0 mm (0.709")	5-6 kg/cm ² (71-85 p.s.i.)	3.5 l/min/rev (0.127 cu ft)	H: 329 mm (13.165") L: 328 mm (13.125") W: 1.50 kg (3.33 lbs)	Standard: 4.8-6.4 mm (3/16-1/4") L: 4.6 mm (0.181") D: 12.0 mm (0.472")	L: 79 mm (3.110") D: 24 mm (0.945")	"H" Ultra	G 1/4" straight	2 Nosepieces: 4.8 mm (3/16") 6.4 mm (1/4")

The 2000 Series riveters are built with a high impact polymer case to deliver value and performance in a lightweight, powerful package. The 2000 Series features a quicker rivet setting cycle and longer stroke for increased productivity. Lobster's exclusive Soft-Set® shockless technology absorbs jarring vibrations, which enhances worker safety and minimizes the risk of CTDs. The new Lobster 2000 Series-setting new standards for blind riveting.

AR-2000S

- Lightweight, with excellent power-to-weight ratio
- Soft-Set shockless technology offers ergonomically correct action to minimize risk of CTDs (cumulative trauma disorders)
- Ultra Jaws for longer life
- Noise-reducing muffler
- Sets up to 3.2mm (1/8") standard rivets in all materials, and 4.0mm (5/32") standard rivets in aluminum and steel
- Wear-resistant surfaces extend tool life
- Air hose can be connected to either side of tool for flexibility in use
- Long stroke

AR-2000S



AR-2000H



AR-2000M

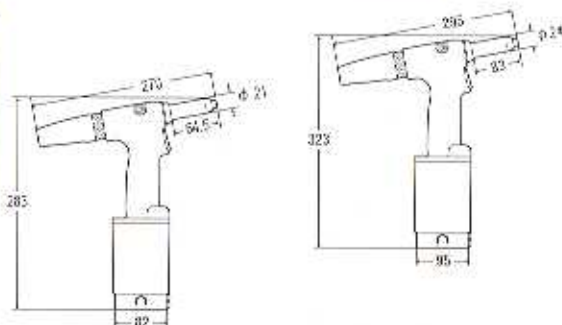


AR-2000M

- Same features as AR-2000S
- Sets up to 4.8mm (3/16") standard rivets in all materials

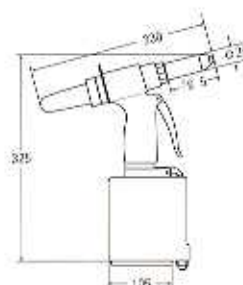
AR-2000H

- Same features as AR-2000S
- Sets up to 6.4mm (1/4") standard rivets in all materials



Model	Riveting Capacity	Traction Power	Stroke	Working Air Pressure	Air Consumption/Rivet Cycle	Tool Dimensions	Nosepiece	Frame Head	Jaws	Hose Joint	Auxiliary Kit
AR-2000S Small	For setting standard blind rivets up to 3.2 mm (1/8") in all materials, up to 4.0 mm (5/32") in aluminum and steel	429 kg (946 lbs) (4208 N)	14.0 mm (0.547")	5-6 kg/cm ² (71-85 p.s.i.)	0.6 Rivet/cycle (0.321 cu ft)	H: 240 mm (9.448") L: 255 mm (10.472") Wt: 1.10 kg (2.43 lbs)	Standard 2.4-4.0 mm (3/32-5/32") L: 6.5 mm (0.256") D: 7.5 mm (0.295")	L: 56 mm (2.205") C: 19 mm (0.748")	S	G 1/4" straight	3 Nosepieces: 2.4 mm (3/32") 3.2 mm (1/8") 4.0 mm (5/32")
AR-2000M Medium	For setting standard blind rivets up to 4.8 mm (3/16") in all materials	815 kg (1804 lbs) (8024 N)	16.0 mm (0.625")	5-6 kg/cm ² (71-85 p.s.i.)	1.7 Rivet/cycle (0.860 cu ft)	H: 255 mm (10.472") L: 270 mm (10.630") Wt: 1.20 kg (2.65 lbs)	Standard 2.4-4.8 mm (3/32-3/16") L: 6.5 mm (0.256") D: 7.5 mm (0.295")	L: 56 mm (2.205") D: 21 mm (0.827")	M Ultra	G 1/4" straight	4 Nosepieces: 2.4 mm (3/32") 3.2 mm (1/8") 4.0 mm (5/32") 4.8 mm (3/16")
AR-2000H Heavy Duty	For setting standard blind rivets 4.8-6.4 mm (3/16-1/4") in all materials	1247 kg (2750 lbs) (12232 N)	18.0 mm (0.710")	5-6 kg/cm ² (71-85 p.s.i.)	3.5 Rivet/cycle (1.727 cu ft)	H: 323 mm (12.717") L: 285 mm (11.814") Wt: 1.60 kg (3.53 lbs)	Standard 4.8-6.4 mm (3/16-1/4") L: 4.0 mm (0.157") D: 12.0 mm (0.472")	L: 79 mm (3.110") D: 24 mm (0.945")	M Ultra	G 1/4" straight	2 Nosepieces: 4.8 mm (3/16") 6.4 mm (1/4")

AR-021EX

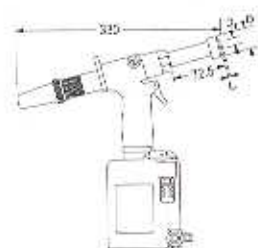
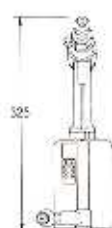


AR-021EX

- Soft-Set® shockless technology offers ergonomically correct action to minimize risk of CTDs (cumulative trauma disorders)
- Ultra Jaws for longer life
- Long stroke (>1") sets longer rivets in one trigger actuation
- Sets 4.8mm (3/16") and 6.4mm (1/4") structural Monobolt® rivets, "T" rivets and standard rivets – all nosepieces included with tool
- Heavy duty construction for rugged applications
- 360° rotary air joint
- Noise-reducing muffler



AR-021EXH



AR-021EXH

- Soft-Set® shockless technology offers ergonomically correct action to minimize risk of CTDs (cumulative trauma disorders)
- Designed specifically for 6.4mm (1/4") Magna-Lok® structural rivets
- Over 1700kg (3700 lbs.) traction power
- Heavy duty construction for rugged application
- 360° rotary air joint
- Noise-reducing muffler

Model	Riveting Capacity	Traction Power	Stroke	Working Air Pressure	Air Consumption	Tool Dimensions	Nosepiece	Frame Head	Jaws	Hose Joint	Auxiliary Kit
AR-021EX Structural	For MONOBOLT® T-Rivet and standard blind rivets 4.8-6.4 mm (3/16-1/4") in all materials	1450 kg (3190 lbs) (14200 N)	26 mm (1.024")	6-6.5 kg/cm ² (85-92 psi)	4.8 lbf/cu ft (0.162 cu ft)	H 325 mm (12.795") L 330 mm (13.2") W 2.9 kg (6.42 lbs)	EX ONLY Standard 4.8-6.4 mm (3/16-1/4") L 7.5 mm (0.295") D 12.0 mm (0.472") MONOBOLT® 4.8 mm (3/16") 6.4 mm (1/4") Li 16.1 mm (0.634") Di 11.0 mm (0.433") "T" Rivet 4.8 mm (3/16") 6.4 mm (1/4") Li 14.6 mm (0.575") Di 10.0 mm (0.394") EX-H ONLY comes equipped to set 6.4 mm (1/4") diameter structural rivets	L 72.5 mm (2.854") D 25 mm (0.984")	1/2" Ultra	3 1/4"	EX ONLY S/Nosepieces For blind rivets 4.8 mm (3/16") 6.4 mm (1/4") For MONOBOLT® 4.8 mm (3/16") 6.4 mm (1/4") For T-RIVET® 4.8 mm (3/16") 6.4 mm (1/4") EX & EXH Maintenance spanners Cleaning brush Priming pump Hydraulic oil bottle
AR-021EXH Structural	For Huls MAGNA-LOK® fasteners and other structural blind rivets 6.4 mm (1/4") only	1700 kg (3740 lbs) (16537 N)	22 mm (0.865")								



AR-011P

AR-011P

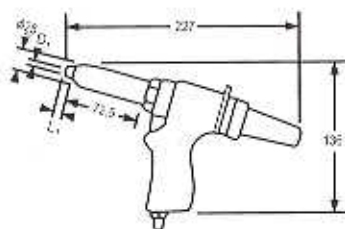
- Offset head for tight clearance access
- Sets up to 4.8mm (3/16") rivet in all materials



AR-021MC

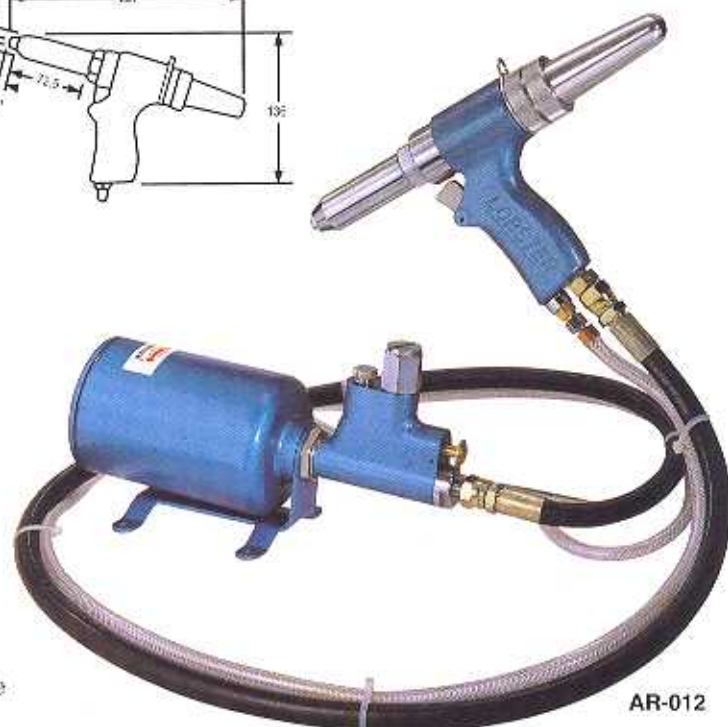
AR-021MC

- 360° rotating right angle placement head
- Sets up to 3.2mm (1/8") standard rivets in all materials



AR-012

- Exclusive, innovative design reaches otherwise inaccessible points
- Lightweight hand-operated rivet pistol head
- Ergonomic benefits
- Remote pneumatic/hydraulic intensifier pump
- Over 1300kg (2800 lbs.) traction power
- Sets any standard rivet from 2.4mm (3/32") through 6.4mm (1/4")
- Economical choice for enhanced tool value

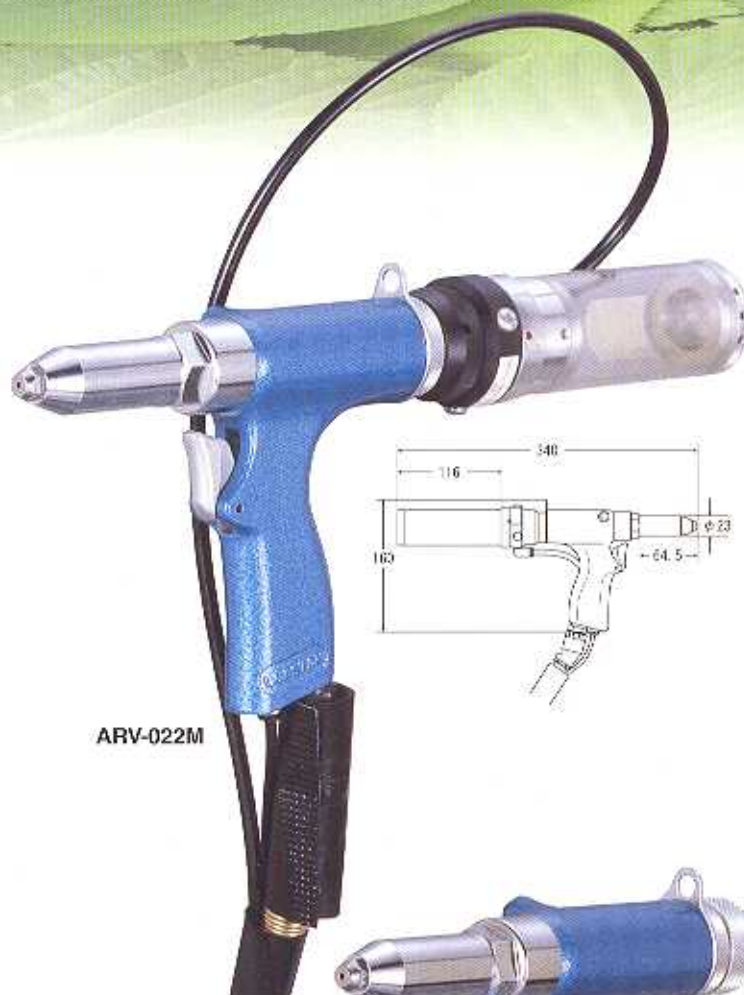


AR-012

Air Riveters

Model	Riveting Capacity	Traction Power	Stroke	Working Air Pressure	Air Consumption/ Rivet Cycle	Tool Dimensions/ Pistol Dimensions	Nosepiece	Frame Head	Jaws	Auxiliary Kit*
AR-011P Medium Offset Head	For setting blind rivets up to 4.8 mm (3/16") in steel	800 kg (1760 lbs) (7845 N)	12.0 mm (3/8")	5-6 kg/cm ² (71-85 ps.i)	1.5 liter/rivet (0.053 cu.ft)	H: 231 mm (9.1") L: 285 mm (11.4") W: 1.30 kg (3.3 lbs)	Standard 2.4-4.8 mm (3/32-3/16") L: 5.5 mm (0.256") D: 7.5 mm (0.295")	L: 58 mm (2.283") D: 23 mm (0.905")	M	4 Nosepieces 2.4 mm (3/32") / 3.2 mm (1/8") 4.0 mm (5/32") / 4.8 mm (3/16") Pinning pump Spare sets of jaws
AR-021MC 360° Swivel Head	For setting standard blind rivets 2.4-3.2 mm (3/32-1/8")	850 kg (1870 lbs) (8336 N)	14 mm (9/16")	5-6 kg/cm ² (71-85 ps.i)	1.5 liter/rivet (0.053 cu.ft)	H: 271 mm (10.669") L: 297 mm (11.73") W: 1.30 kg (3.3 lbs)	Standard 2.4-4.8 mm (3/32-3/16") L: 6.5 mm (0.256") D: 7.5 mm (0.295")	L: 58 mm (2.283") D: 23 mm (0.905")	W Ultra	2 Nosepieces 2.4 mm (3/32") / 3.2 mm (1/8") Pinning pump Hydraulic oil bottle
AR-012 Heavy Duty with Remote Intensifier	For setting blind rivets up to 6.4 mm (1/4") in all materials	1300 kg (2800 lbs) (12750 N)	15 mm (9/16")	6-6.5 kg/cm ² (85-95 ps.i)	2.0 liter/rivet (0.102 cu.ft)	H: 136 mm (5.35") L: 227 mm (8.94") W: 0.36 kg (0.79 lbs)	Standard 2.4-4.8 mm (3/32-3/16") L: 5.5 mm (0.217") D: 7-8 mm (0.275-0.315") Standard 6.4 mm (1/4") L: 7.5 mm (0.295") D: 12.0 mm (0.472")	L: 72.5 mm (2.854") D: 25 mm (0.984")	W H for 6.4mm (1/4")	6 Nosepieces 2.4 mm (3/32") / 3.2 mm (1/8") 4.0 mm (5/32") / 4.8 mm (3/16") 6.4 mm (1/4") 1/4" jaws, jaw pusher and jaw spreader for setting 1/4" rivets Hydraulic oil bottle Spare sets of jaws

*Includes Maintenance spanners, Cleaning brush



ARV-022M



AR-022M

ARV-022M

- Soft-Set® shockless technology offers ergonomically correct action to minimize CTDs
- Ultra Jaws for longer life
- Lightweight, pistol grip riveting head weighs under 1kg(2 lbs.) and works with remote intensifier
- Exclusive hydraulic swivel fittings for ease of operator control
- Vacuum mandrel collection system holds rivet prior to setting, and collects spent mandrels either to attached bottle or through a tube to an off-line receptacle
- Mandrel vacuum system for mandrel retention and collection or evacuation to an off-line receptacle
- Long stroke
- Able to operate in conjunction with our exclusive ARF-700M autofeeder rivet presenter system
- Sets up to 4.8mm(3/16") rivets in all materials

AR-022M

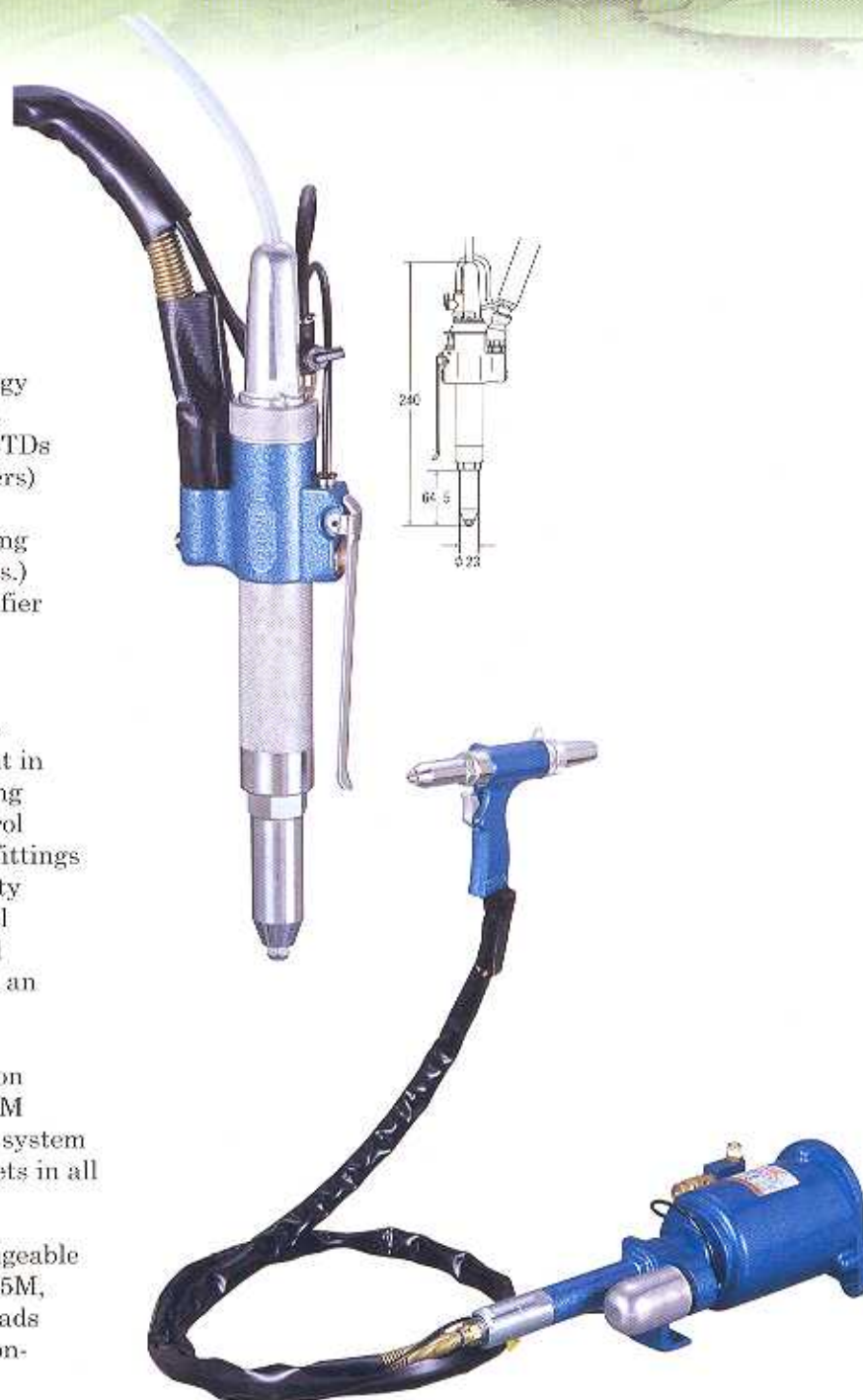
- Same as ARV-022M, without vacuum mandrel collection system

Model	Riveting Capacity	Traction Power	Stroke	Working Air Pressure	Air Consumption/ Rivet Cycle	Tool Dimensions	Nosepiece	Frame Head	Jaws	Auxiliary Kit
ARV-022M Medium Vacuum	For setting blind rivets up to 4.8 mm (3/16") in steel	900 kg (1960 lbs) (8825 N)	19.0 mm (0.75")	5-6 kg/cm ² (71-86 psi)	100 l/rev rivet (3.53 cu ft)	H: 340 mm (13.4") W: 1.3 kg (2.85 lbs)	Standard 2.4-4.8 mm (3/32-3/16") L: 6.5 mm (0.256") D: 7.5 mm (0.295")	L: 55 mm (2.165") D: 21 mm (0.826")	M Ultra	4 Nosepieces: 2.4 mm (3/32") 3.2 mm (1/8") 4.0 mm (5/32") 4.8 mm (3/16") Maintenance spanners: Cleaning brush Hydraulic oil bottle
AR-022M Medium	For setting blind rivets up to 4.8 mm (3/16") in steel	900 kg (1960 lbs) (8825 N)	19.0 mm (0.75")	5-6 kg/cm ² (71-86 psi)	4.6 l/rev rivet (0.162 cu ft)	H: 240 mm (9.5") W: 0.9 kg (1.96 lbs)	Standard 2.4-4.8 mm (3/32-3/16") L: 6.5 mm (0.256") D: 7.5 mm (0.295")	L: 55 mm (2.165") D: 21 mm (0.826")	M Ultra	2 Nosepieces: 2.4 mm (3/32") 3.2 mm (1/8") Maintenance spanners: Cleaning brush Hydraulic oil bottle

ARV-025M

- Soft-Set® shockless technology offers ergonomically correct action to minimize risk of CTDs (cumulative trauma disorders)
- Ultra Jaws for longer life
- Lightweight, compact riveting head weighs under 1kg(2 lbs.) and features remote intensifier
- In-line vertical design for ergonomic benefits in a workstation environment
- New design features unique ergonomic trigger placement in the natural operator gripping area for improved tool control
- Exclusive hydraulic swivel fittings for ease of operator flexibility
- Built-in on-demand mandrel vacuum system for mandrel retention and evacuation to an off-line receptacle
- Long stroke
- Able to operate in conjunction with our exclusive ARF-700M autofeeder rivet presenter system
- Sets up to 4.8mm(3/16") rivets in all materials

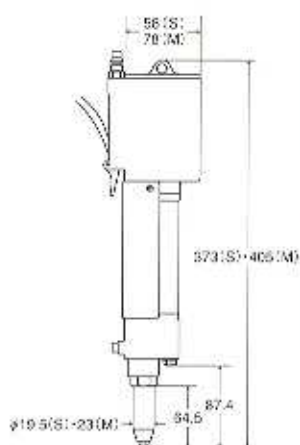
Intensifier Unit – interchangeable with all three models (ARV-025M, ARV-022M and AR-022M). Heads are changed at the quick-disconnect hydraulic fitting.



Model	Riveting Capacity	Traction Power	Stroke	Working Air Pressure	Air Consumption/ Rivet Cycle	Tool Dimensions	Nosepiece	Frame Head	Jaws	Auxiliary Kit
ARV-025M Medium Vertical	For setting blind rivets up to 4.8 mm (3/16") in steel	900 kg (1980 lbs) (825 %)	200 mm (8.12")	5.5 kg/cm ² (77-85 psi)	100 Ml/min (3.53 cu ft)	H: 240 mm (9.6") W: 6.9 kg (1.56 lbs)	Standard 2.4-4.8 mm (3/32-3/16") L: 9.5 mm (3/8") D: 7.5 mm (5/16")	L: 38 mm (2.28") D: 21 mm (3/8")	M Ultra	4 Nosepieces: 2.4 mm (3/32") 3.2 mm (1/8") 4.0 mm (5/32") 4.8 mm (3/16") Maintenance spacers: Cleaning brush Hydraulic oil bottle



ARV-015M



ARV-015S

ARV-015M

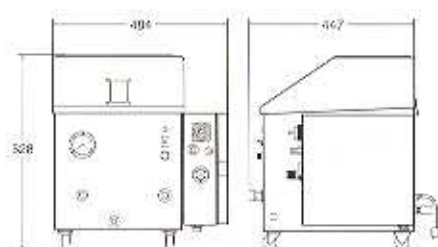
- Ultra Jaws for longer life
- Unique ergonomic in-line vertical design
- Ideal for fixed position assembly line workstations with overhead counterbalance approach
- Integrated vacuum system for mandrel retention and removal to an off-line receptacle
- Sets up to 4.8mm(3/16") standard rivets
- Able to operate in conjunction with our exclusive ARF-700M autofeeder rivet presenter system
- An industry standard for over 25 years

ARV-015S

- Same features as ARV-015M
- Sets up to 3.2mm(1/8") standard rivets



Model	Riveting Capacity	Traction Power	Stroke	Working Air Pressure	Air Consumption/ Rivet Cycle	Tool Dimensions	Nosepiece	Frame Head	Jaws	Auxiliary Kit
ARV-015M Medium Vertical	For setting blind rivets up to 4.8 mm (3/16") in steel	800 kg (1760 lbs) (7645 N)	15.0 mm (0.630")	5-5.5 kg/cm ² (76-85 p.s.i.)	2.5 H/min rivet (0.088 cu ft)	L 405 mm (15.94") Wt 1.70 kg (3.74 lbs)	Standard 2.4-4.8 mm (3/32-3/16") L 6.5 mm (0.256") D 7.5 mm (0.295")	L 58 mm (2.283") D 23 mm (0.906")	M Ultra	4 Nosepieces 2.4 mm (3/32") 3.2 mm (1/8") 4.0 mm (5/32") 4.8 mm (3/16") Maintenance spanners Cleaning brush Hydraulic oil bottle
ARV-015S Small Vertical	For setting blind rivets up to 3.2 mm (1/8") in steel	300 kg (660 lbs) (2942 N)	14.0 mm (0.552")	5-5.5 kg/cm ² (76-85 p.s.i.)	1.6 H/min rivet (0.056 cu ft)	L 373 mm (14.68") Wt 1.4 kg (3.08 lbs)	Standard 2.4 mm (3/32") 3.2 mm (1/8")	L 58 mm (2.283") D 19.5 mm (0.771")	S	2 Nosepieces 2.4 mm (3/32") 3.2 mm (1/8") Maintenance spanners Cleaning brush



ARF-700M

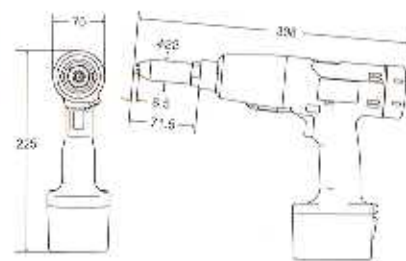
- Automatic rivet feeding system for 3.2mm (1/8"), 4.0mm (5/32") and 4.8mm (3/16") standard rivets
- Portable hopper can be moved around or placed out of the way under counter or workstation
- Adapts to a variety of workstation configurations for maximum productivity and operator comfort
- Improved track feeding system
- Mis-fed rivets drop down tube to holding tank without jamming or shutting down machine
- Electronic sensor turns hopper off when track is full of rivets, and re-engages as track is emptied
- Works on any standard M-side Lobster tool with vacuum



Model	Capacity	Hopper Capacity	For Use With Lobster Product No.	Working Air Pressure	Hopper Unit Dimension	Feeder Head Dimension	Power Sources
ARF-700-3.2	For feeding standard blind rivets up to 3.2 mm (1/8")	2,000 rivets	ARV-C15V ARV-C22V ARV-C25V	5-6 kg/cm ² (71-85 p.s.i.)	L 484 mm (19.35") D 447 mm (17.65") H 528 mm (20.8") Wt 41.0 kg (90 lbs)	L 238 mm (9.2") D 131 mm (5.16") H 95 mm (3.5") Wt 4.0 kg (8.8 lbs)	AC 100V AC 115V AC 220V AC 240V Please specify voltage requirements
ARF-700-4.0	For feeding standard blind rivets up to 4.0 mm (5/32")	1,500 rivets					
ARF-700-4.8	For feeding standard blind rivets up to 4.8 mm (3/16")	1,000 rivets					

BR-200M

- Cordless electric riveter
- Sets up to 4.8mm(3/16") rivets in all materials
- Quicker rivet setting cycle improves the working efficiency
- Light weight, powerful package
- Longer stroke increases productivity
- Comes packaged with charger and battery pack in molded plastic carrying case for convenient field use
- Ideal for off-line and outdoor riveting applications where compressed air is not available

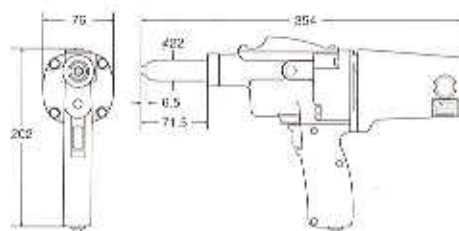


BC-60M

- Battery charger

ER-300N

- Electric riveter
- Sets up to 4.8mm(3/16") diameter in all materials
- Locked trigger option for continuous use
- Durable construction for field use
- Ideal for use in repair stations and body shops, modular office systems assembly, heating ventilation and air conditioning and other on-site construction applications
- Ultra Jaws for longer life
- Packaged in a molded plastic carrying case for convenient field use



BP-12G

- Rechargeable battery

Model	Riveting Capacity	Transaction Power	Stroke	Power Supply	Tool Dimensions	Nosepiece	Frame Head	Jaws	Auxiliary Kit
BR-200M Cordless Riveter	For setting standard blind rivets 2.4-4.8 mm (3/32-3/16")	667 kg (1507 lbs) (8500N)	20mm (0.8")	BP-12G Ni-Cd Battery DC 12V	L 308 mm (12") W 70 mm (2.8") H 225 mm (8.9") Wt 2.3 kg (5.1 lbs)	Standard 2.4-4.8 mm (3/32-3/16") L 6.5 mm (0.256") D 7.5 mm (0.295")	L 50 mm (2.05") D 23 mm (0.91")	M Ultra	4 Nosepieces 2.4 mm (3/32") 3.2 mm (1/8") 4.0 mm (5/32") 4.8 mm (3/16") Maintenance spanners Nosepiece holder
ER-300N Electric Riveter	For setting standard blind rivets 2.4-4.8 mm (3/32-3/16")	650 kg (1470 lbs) (8335N)	infinite	120V 50-60Hz Single phase AC (input 251W) (AC 220V 50-60Hz optional)	L 354 mm (14.2") H 202 mm (8.0") Wt 2.3 kg (5.1 lbs)		L 70 mm (2.75") D 22 mm (0.86")	M Ultra	4 Nosepieces 2.4 mm (3/32") 3.2 mm (1/8") 4.0 mm (5/32") 4.8 mm (3/16") Maintenance spanners Cleaning brush

Battery Charger		
Model	BC-60M-120V	BC-60M-230V
Power Source	AC 120V, 60-Hz	AC 230V, 50Hz
Power Consumption	50W	
Power Output	DC 16V 1.4A	
Charging Time	Approx. 60 minutes (Battery Pack BP-12G)	
Weight	1.1 kg (2.4 lbs)	

Battery Pack	
Model	BP-12G
Storage Battery	Ni-Cd Battery
Voltage	12V DC
Battery Life	1300-mAh
Capacity	Approx 500 charges
Weight	0.6 kg (1.3 lbs)



HR-200

Floating Jawcase Mechanism

- For professional and home use
- Built-in damper reduces weight of shock
- Sets rivets up to 4.0mm(5/32")



HR-002A

General Duty Hand Riveters

- Aluminum diecast frame and drop-forged steel lever handle
- Wide, self-opening spring for regripping ease
- Automatic mandrel ejection
- Comes with four nosepieces to set rivets up to 4.8mm(3/16")
- International design



HR-003A/HR-003B/HR-003EX

Heavy Duty Hand Riveters

- Longer handles and gear mechanism exert greater rivet break power
- Simple rugged construction is maintenance free
- Sets rivets up to 6.4mm(1/4") stainless steel, as well as T-Rivet® and MONOBOLT®



HR-002D

Floating Jawcase Mechanism

- Overcomes drawbacks of conventional hand riveters by holding the rivet firmly regardless of tool position
- Special palm and hand grip for ease and comfort
- Comes with four nosepieces to set rivets up to 4.8mm(3/16")



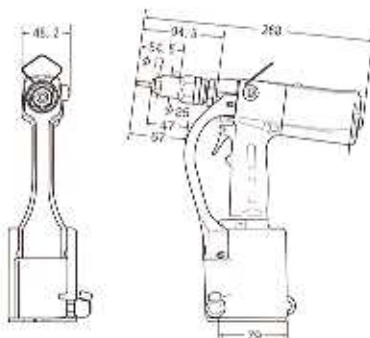
HR-005A

Flexible Hand Riveters

- Versatile design for 360° multidirectional riveting
- Quick change nose head direction
- Comes with four nosepieces to set rivets up to 4.8mm(3/16")

General Duty Model	L	Wt.
HR-200 Small Floating Jawcase	200 mm (7.91")	385 gm (0.85 lbs)
HR-002A International	270 mm (10.6")	550 gm (1.2 lbs)
HR-002D Small Floating Jawcase	270 mm (10.6")	530 gm (1.18 lbs)
HR-005A Flexible Hand Riveters	280 mm (11.2")	720 gm (1.58 lbs)

Model	Riveting Capacity	L	L1	H	H1	D	Wt.	Nosepiece
HR-003A Heavy Duty	For setting blind rivets in all materials 4.0 mm(5/32") 4.8 mm(3/16")	610 mm (24")	70 mm (2.75")	145 mm (5.7")	95 mm (3.7")	35 mm (1.38")	1.8 kg (3.96 lbs)	2 Nosepieces 4.0 mm(5/32") 4.8 mm(3/16")
HR-003B Heavy Duty	For setting blind rivets in all materials 4.0 mm(5/32") 6.4 mm(1/4")	760 mm (30")	70 mm (2.75")	170 mm (6.7")	95 mm (3.7")	35 mm (1.38")	2.0 kg (4.40 lbs)	2 Nosepieces 4.0 mm(5/32") 6.4 mm(1/4")
HR-003EX Heavy Duty	For setting structural blind rivets such as T-Rivet® and MONOBOLT® 4.8 mm(3/16") 6.4 mm(1/4") in all materials	720 mm (28.346")	70 mm (2.75")	160 mm (5.9")	95 mm (3.7")	25 mm (0.984")	2.50 kg (5.50 lbs)	6 Nosepieces For T-Rivet® 4.8 mm(3/16") 6.4 mm(1/4") For MONOBOLT® 4.8 mm(3/16") 6.4 mm(1/4")



AN-200A

- Lightweight spin-pull rivet nut setter
- Sets up to M10(3/8") aluminum and steel rivet nuts (see chart below)
- Rapid placement sequence
- One stage trigger – only one actuation of trigger spins rivet nut onto threaded mandrel, collapses rivet nut, then reverse spins itself out of completed setting
- Easy stroke adjustment dial
- In case of operator error, activation of unique reverse lever removes screw mandrel from rivet nut without damage or down time
- Wear-resistant surfaces extend tool life
- Rotary air joint
- Rugged aluminum diecast construction

EN-410

- Electric rivet nut setter sets up to M10(3/8") aluminum and steel rivet nuts
- Only one action of trigger switches from normal spin to reverse
- Handle is narrow and easy to hold
- Plug-in relay for easy replacement and long life

Model	Nut Setting Capacity	Traction Power	Stroke	Working Air Pressure	Power Supply	Air Consumption/ Rivet Cycle	Tool Dimensions	Installation Cycle Time	Auxiliary Kit
AN-200A Air Nutter	For setting standard nut rivets M3-M10 (4, 6, 8, 10, 1/4", 5/16", 3/8") in all materials For setting any flanged head nut rivets V3-M6 (4, 6, 8, 10, 1/4", 5/16") in all materials and M3 (5/16") aluminum only	1900 kg (2520 lbf) (15560 N)	5.1 mm (0.24")	8-7 kg/cm ² (85-100 p.s.i)	—	5 ltr/rivet (0.176 cu ft)	H 266 mm (10.72") L 290 mm (11.42") W 2.5 kg (5.72 lbs)	2.3 sec / cycle	Maintenance spanners brush Pinning pump Hose joint and hose joint nut Hydraulic oil bottle Hanger
EN-410 Electric Nutter	For setting standard nut rivets V3-M10 (4, 6, 8, 10, 1/4", 5/16", 3/8") in all materials For setting M3 nut rivets, Nosepieces V3 and Screw Mandrels V3 if the action are necessary	—	3.8 mm (0.15")	—	100V 50/60Hz Single phase AC input 305W	—	H 390 mm (15.4") L 245 mm (9.8") W 2.5 kg (5.5 lbs)	—	4 Nosepieces M4, V3, M5, M9 M10 4 Screw Mandrels M4, V3, M5, M9 M10 Maintenance spanners



HND-005

Light Duty Hand Nutters

- Aluminum diecast frame and hardened chrome-vanadium steel handle
- Balanced spinning mechanism
- Suitable for downward, horizontal or overhead installation of nut rivets
- Comes with four nosepieces, sizes M3, M4, M5 and M6, or #4, #6, #8 and #10



HN-006

General Duty Hand Nutters

- Designed for one-handed operation
- Simple stroke adjustment by means of adjuster ring with memory stroke scale
- Quick-drill mechanism threads and unthreads nut rivets by pulling and pushing the round knob grip
- Comes with four nosepieces, sizes M3, M4, M5 and M6, or #4, #6, #8 and #10



HN-010

Heavy Duty Hand Nutters

- Rugged construction for long tool life
- Simple stroke adjustment by means of adjuster ring with memory stroke scale
- Quick-drill mechanism threads and unthreads nut rivets by pulling and pushing the round knob grip
- Comes with three nosepieces, sizes M6, M8, and M10, or 1/4", 5/16", and 3/8"



HND-105

Light Duty Hand Nutter Kits

- Complete kit with HND-005 hand nutter
- Assorted size aluminum nut rivets
- Steel carrying case
- Ideal for in-the-field repair



HN-106

General Duty Hand Nutter Kits

- Complete kit with HN-006 hand nutter
- Assorted size aluminum nut rivets
- Steel carrying case
- Ideal for in-the-field repair

Model	Riveting Capacity	Stroke	L	Wt	Nosepieces
HND-005 Light Duty	For setting blind rivets in all materials M3-M5 (#4, #6, #8) and aluminum M6 (#10)	7 mm (0.275")	270 mm (10.6")	0.6 kg (1.32 lbs)	4 Nosepieces M3-M5, or #4, #6, #8, #10
HND-006 General Duty	For setting blind rivets in all materials M3-M5 (#4, #6, #8) and aluminum M6 (#10)	5 mm (0.2")	385 mm (15.156")	1.2 kg (2.6 lbs)	4 Nosepieces M3-M5, or #4, #6, #8, #10
HND-010 Heavy Duty	For setting blind rivets in all materials M6-M10 (#6, #8, #10, 3/16", 1/4", 5/16", 3/8")	5 mm (0.2")	385 mm (15.156")	1.2 kg (2.6 lbs)	3 Nosepieces M6-M10, or 1/4", 5/16", 3/8"



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