



## REL-35T-PNC

### 35 TON HYDRAULIC STEEL PUNCH

The REL-35T-PNC was designed to punch through 1/2" aluminum, copper, and mild steel. The punched hole size is 1/16" larger than your bolt size. A stripper guide extends on either side of the ram to strip the material after punching. This portable hand-held unit will operate from any 10,000 psi hydraulic pumping source. Applications include punching of bus bars, tower iron, railing, I-beams, and truck frames. The REL-35T-PNC comes complete with four punch and die sets for 3/8", 1/2", 5/8", and 3/4" bolts, and steel carrying case.

SPECIFICATIONS	
MODEL	REL-35T-PNC
Output	35 ton
Weight	28 lbs.
Capacity	1/2" Mild Steel
Max. Hole	13/16" Dia.
Dimensions	14" x 8" x 3.5"
Throat Depth	2.75"



SQUARE DIES	
MODEL	DESCRIPTION
SHD-14SQ	1/4" Square Punch & Die Set
SHD-38SQ	3/8" Square Punch & Die Set
SHD-716SQ	7/16" Square Punch & Die Set
SHD-12SQ	1/2" Square Punch & Die Set
SHD-1732SQ	17/32" Square Punch & Die Set
SHD-916SQ	9/16" Square Punch & Die Set

HEX DIES	
MODEL	DESCRIPTION
SHD-716HEX	7/16" Hex Punch & Die Set
SHD-916HEX	9/16" Hex Punch & Die Set
SHD-1116HEX	11/16" Hex Punch & Die Set
SHD-1316HEX	13/16" Hex Punch & Die Set

OBLONG DIES		
MODEL	DESCRIPTION	BOLT SIZE
SHD-516X1316	5/16" x 13/16" Oblong Punch & Die Set	
SHD-38X1316	3/8" x 13/16" Oblong Punch & Die Set	
SHD-716X1316	7/16" x 13/16" Oblong Punch & Die Set	3/8"
SHD-12X38	1/2" x 3/8" Oblong Punch & Die Set	
SHD-12X34	1/2" x 3/4" Oblong Punch & Die Set	
SHD-12X1316	1/2" x 13/16" Oblong Punch & Die Set	
SHD-916X34	9/16" x 3/4" Oblong Punch & Die Set	1/2"
SHD-916X1316	9/16" x 13/16" Oblong Punch & Die Set	1/2"
SHD-58X1316	5/8" x 13/16" Oblong Punch & Die Set	
SHD-1116X1316	11/16" x 13/16" Oblong Punch & Die Set	5/8"
SHD-34X1316	3/4" x 13/16" Oblong Punch & Die Set	

ROUND DIES		
MODEL	DESCRIPTION	BOLT SIZE
SHD-18	1/8" Punch & Die Set	
SHD-316	3/16" Punch & Die Set	
SHD-14	1/4" Punch & Die Set	
SHD-932	9/32" Punch & Die Set	
SHD-516	5/16" Punch & Die Set	
SHD-38	3/8" Punch & Die Set	
R-35TN-7/16	7/16" Punch & Die Set 10.5	3/8"
SHD-12	1/2" Punch & Die Set	
R-35TN-9/16	9/16" Punch & Die Set 13.5	1/2"
SHD-58	5/8" Punch & Die Set	
R-35TN-11/16	11/16" Punch & Die Set 17.5"	5/8"
SHD-34	3/4" Punch & Die Set	
R-35TN-13/16	13/16" Punch & Die Set 20.5	3/4"

## 154PM

### PIECE MAKER™ KNOCKOUT SETS 1/2" - 4"

- Designed to split the slug in two pieces for easy removal
- Requires less force than conventional punches
- Fast set-up
- High-strength steel punches and dies for long life
- Reduces punch time versus manual or ratchet methods
- Unique hand pump design with heavy duty ram
- Designed to punch a maximum of 10 gauge (.134") mild steel
- Compare with Greenlee® Slug-Buster® Models 7310SB



154PM



MODEL	DESCRIPTION
1522	Ram (Includes #2)
1582	3/4" Draw Stud
1552	1-1/8" Adapter Sleeve
1581	3/8" Adapter Draw Stud
1553	Short Spacer - S
1554	Medium Spacer - M
1521	Hyd. Hand Pump

MODEL	DESCRIPTION
1523	1/4" x 3' Hyd. Hose
1501	Metal Carrying Case 1/2" to 4" Set
1524	1/2" Punch
1525	1/2" Die
1526	3/4" Punch
1527	3/4" Die
1528	1" Punch

MODEL	DESCRIPTION
1529	1" Die
1530	1-1/4" Piece Maker™ Punch
1531	1-1/4" Die
1532	1-1/2" Piece Maker™ Punch
1533	1-1/2" Die
1534	2" Punch
1535	2" Die

MODEL	DESCRIPTION
1566	2-1/2" Punch
1567	2-1/2" Die
1568	3" Punch
1569	3" Die
1570	3-1/2" Punch
1571	3-1/2" Die
1572	4" Punch
1573	Spacer Set S-M-L

## JHM USA 101 – MAGNETIC BASE DRILLS UP TO 1-1/2" / 2-3/8"

For dimensionally-accurate drilling on the construction site.

- Uniform-torque motor for demanding core drilling
- High concentricity and reliable core ejection due to special bore spindle guides
- Solid, massive construction in die-cast aluminum for work under difficult conditions
- Integrated cooling tank
- Internal motor cable routing
- Accessory handle for easy carrying of tool
- Hand feed wheel can be mounted on either side

#### KIT INCLUDES:

- 1 case
- 1 coolant tank
- 1 safety strap
- 1 chip hook
- 4 centering pins
- 1 Allen key 5 mm
- 1 touch guard
- 1 Carrying handle



#### ACCESSORIES:



Contact Reliable for available sizes.



3 02 17 359 00 0  
3-1/8" PILOT PIN



TECHNICAL DATA	
1-1/2 in.	HSS annular cutters max. dia.
2 in.	Mag base, max. drilling depth
1,050 Watts	Power consumption
530 Watts	Power output
480 rpm	1st gear
<b>3/4 Weldon</b>	Annular cutter holder
2-9/16 in.	Stroke
2,000 lbs.	Magnetic holding force
6-5/16 x 4 in.	Magnetic base dimensions
12-1/2 ft.	Cable with plug
31.7 lbs.	Weight

TO ORDER CALL: 800-966-3530 OR FAX: 215-357-9193

WWW.RELIABLE-EQUIP.COM

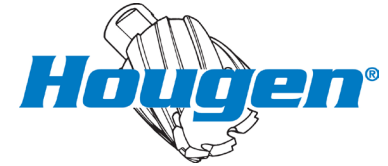




## HMD904 – MAGNETIC DRILL

The mag drill of choice. Lightweight, compact, powerful, & versatile.

- Large 1-1/2" x 2" capacity
- Pilot light - for low light or no light conditions
- Two stage magnet - 30% power increase when motor is turned on
- Slot Drive arbor for more accuracy and quicker change out of accessories
- Gravity feed coolant system (HMD904 w/ coolant bottle)
- Feed handles quickly change from side to side
- Lift detector safety system
- Rear mounted controls
- Carrying case included
- Positive slug ejection
- One year warranty



## HOUGEN MAGNETIC DRILL ANNULAR CUTTERS

Use with Portable Magnetic Drills and machine tool operations on materials up to 350 BHN. Feature a **3/4" diameter Weldon shank**.

"12,000-Series" Cutters are resharpenable using the 10950 sharpener.



DIAMETER	DECIMAL EQUIV.	1" (25 mm) DOC	2" (50 mm) DOC
<b>USE WITH PILOT</b>		<b>10531</b>	<b>10532</b>
7/16	.4375	12114	12214
1/2	.5000	12116	12216
9/16	.5625	12118	12218
<b>USE WITH PILOT</b>		<b>10527</b>	<b>10528</b>
5/8	.6250	12120	12220
11/16	.6875	12122	12222
3/4	.7500	12124	12224
13/16	.8125	12126	12226
7/8	.8750	12128	12228
15/16	.9375	12130	12230
1	1.000	12132	12232
1-1/16	1.0625	12134	12234
1-1/8	1.1250	12136	12236



"12,000-Series" Annular Cutter Kits		
MODEL	DESCRIPTION	D.O.C.
12001	Plastic tool case contains (2) Pilots, (2) Wrenches and (5) Cutters (9/16, 11/16, 13/16, 15/16 & 1-1/16")	1"
12002	Plastic tool case contains (2) Pilots, (2) Wrenches and (5) Cutters (9/16, 11/16, 13/16, 15/16 & 1-1/16")	2"
12005	Plastic tool case contains (2) Pilots, (2) Wrenches and (5) Cutters (5/8, 3/4, 7/8, 1, 1-1/8")	1"
12006	Plastic tool case contains (2) Pilots, (2) Wrenches and (5) Cutters (5/8, 3/4, 7/8, 1, 1-1/8")	2"
12007	Plastic tool case contains (3) Pilots, (2) Wrenches and (5) Cutters (7/16, 17/32, 21/32, 25/32, 7/8")	2"

## 2787-22HD - M18 FUEL™ 1-1/2" MAGNETIC DRILL HIGH DEMAND™ KIT

The M18 FUEL™ 1-1/2" Magnetic Drill drills faster than the number one corded competitor, delivers the strongest magnetic hold on 1/4" steel providing a safer drilling environment in this material, and drills up to (76) 13/16" holes per charge. The M18 FUEL™ 1-1/2" Magnetic Drill delivers safer drilling on 1/4" steel by providing the industry's strongest holding force on this material. By utilizing permanent magnets, the magnetic base operates without electricity; ensuring that the magnet does not deactivate if the battery is drained. Equipped with Auto-Stop lift-off detection, power to the motor is automatically cut if excess rotational motion is detected while drilling. The M18™ REDLITHIUM™ HIGH DEMAND™ 9.0 battery is fully compatible with 100+ M18™ tools.

### KIT INCLUDES:

- (1) 3/4" Weldon to 1/2" Chuck adapter
- (2) M18™ REDLITHIUM™ XC5.0 Battery Pack (48-11-1850)
- (1) AC/DC Vehicle Charger
- (1) Carrying Case
- (1) Chuck Key
- (1) Magnetic Lubrication Tank
- (1) Safety Strap
- (2) 1" retractable pilot pin



2787-22HD

## 4270-21 - CORDED COMPACT ELECTROMAGNETIC DRILL PRESS

Power and precision in a lightweight, portable drill press with the biggest capacity in its class. At just 26.5 pounds, with a comfortable carrying handle that's well positioned for balance, this compact drill press is ideal for remote drilling in metal. It handles your toughest drilling applications with a powerful 1.1-maximum horsepower, 9.0-amp motor: up to 1-1/2-in. diameter holes through 2-in. thick steel with annular cutters, or 1/2-in. diameter holes 4-1/4-in. deep with twist drill bits. The strong two-coil magnet provides 2,300 lbs. of dead-lift force on 1-in. thick steel.

Two hex cutter wrenches are stored on-board for added portability. This drill accepts standard 3/4-in. Weldon shank cutters or an optional 3-jaw chuck (sold separately) for use with twist drill bits. The simple two-button control panel is located on the back, where it will not interfere with the feed handle. That handle can be conveniently relocated to the opposite side without using tools. The kit includes a convenient carrying case with compartments for bits and accessories.

### KIT INCLUDES:

- (1) Compact Electromagnetic Drill Press Kit (4270-21)
- (1) Carrying Case
- (1) Lubricant Spray Bottle
- (1) Nylon Safety Strap
- (1) Two Hex Wrenches



4270-21

### ANNULAR CUTTER SET



49-22-8400  
6PC Annular Cutter Set  
49-22-8410  
9PC Annular Cutter Set