



Cutter capacity  
4" dia.

# CSU 100/3RL

## Powerful reversible motor for drilling and tapping

### Powerful • Reliable

- 16 Amp double-insulated motor
- 19-1/2" high, 574 lbs.
- 2-gear variable speed gearbox
- Designed for continuous use

### Drill up to 4" dia.

- Uses annular cutters up to 4" dia.; 10" stroke
- Twist drilling capacity up to 1-1/4" dia.
- Tapping capacity up to 1-1/8" dia.
- Automatic lubrication system

### Keyless Cutter Mount

- Quick-change keyless cutter system for 3/4" Weldon shank
- Optional 1-1/4" arbor

### Integrated Safety

- SafeMag™ Green/Red LED magnetic force indicator for safe operation
- Equipped with CoolMag™ overheat protection
- Emergency-off function

### Power Assist

The Power Assist is a standard capstan, designed with delayed torque transfer. This decreases the load on both cutter and drilling machine, allowing the machine to maintain max. RPM under full load.

- Reduces drilling time
- Prevents cutter breakage
- Extends lifespan of cutter/drill bit and machine

**ZPA 402** – Power Assist for CSU 100/3RL

**Standard Equipment** includes auto lubrication, auto chuck cutter holder, manual chuck with set screws, safety chain, carabin hook, allen keys, pilot pins and carrying case†.

† Steel case intended mainly for shipping purposes; damage may occur in transit.



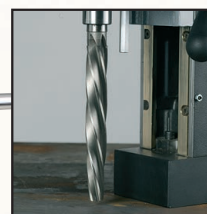
### 2 Gears with Variable Speed



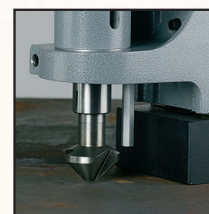
Twist Drilling



Tapping



Reaming



Countersinking



Optional MT3 tapping chuck with two variable clamp collets (Model GSW.830C) fits taps 3/8" to 1-1/8"

See pages 29 and 50 for Tap Holders and Accessories

### CSU 100/3RL Specifications

Motor Power	16 Amp / 110 Volt*
Weight	57 lbs.
Hole Capacity	4" dia.
Twist Drill Capacity	1 1/4" dia.
Tapping Capacity	1 1/8" dia.
Speeds (variable)	40-140 RPM, 120-480 RPM
Magnet Base Size	9" L x 4" W
Dimensions	19 1/2" H x 13 3/8" L x 7 1/2" W
Magnetic Force (1" plate)	6600 lbs.
Arbor Bore	3/4" (1 1/4" also available)
Spindle	MT3
Automatic Lubrication	Included
Power Assist	Order Accessory ZPA 402



► Annular Cutters: pages 36-46 ► Accessories: pages 47-53