

# Scissors-Type Band Saws



**ProStar™ PRSBS1016**



**CUT UP TO  
13 IN. x 18 IN.**

**ProStar PRSBS1318**



The PRSBS1016 and PRSBS318 scissors-type band saws pit American craftsmanship and performance against your toughest applications.

Cut material up to 13 inches x 18 inches with extreme precision and employ tons of time-saving productivity features!

| SPECIFICATIONS            | PRSBS1016  | PRSBS1318  |
|---------------------------|--|--|
| <b>CAPACITY</b>           | 10 in. x 16 in., rectangular,<br>10 in. x 9 in. at 45°,<br>16-1/2 in. flat, 10-1/2 in. round | 13 in. x 18 in., rectangular,<br>17 in. x 9-1/2 in. at 45°,<br>18 in. flat, 13 in. round |
| <b>BLADE SIZE (H/W/L)</b> | 1 in x .035 in. x 138 in.  | 1 in x .035 in. x 150 in.  |
| <b>BLADE SPEED</b>        | 50 - 100 - 175 - 275 sfpm  | Infinitely variable 70 - 375 sfpm  |
| <b>BLADE GUIDES</b>       | Carbide guides and rollers   |  |
| <b>BLADE TENSION</b>      | Manual <i>Rite Tension</i> ®   |  |
| <b>BLADE MOTOR</b>        | 2 hp (1 ph) ODP  | 2 hp (1 ph) ODP<br>3 hp (3 ph) TEFC  |
| <b>CUTTING SYSTEM</b>     | Flood-type cutting system  |  |
| <b>COOLANT TANK</b>       | 8 gallons  |  |
| <b>SWIVEL VISE</b>        | To 45°   |  |
| <b>WISE CONTROL</b>       | Manual screw/quick-acting  |  |
| <b>FEED CONTROL</b>       | Variable hydraulic with counterbalance spring  |  |
| <b>CONSTRUCTION</b>       | Precision ground vise jaws   |  |
| <b>BAND WHEELS</b>        | 15 in. diameter, cast iron   |  |
| <b>FOOTPRINT</b>          | 40 in. x 84 in.  | 40 in. x 84 in.  |
| <b>WEIGHT</b>             | 930 lbs.   | 995 lbs.   |

### STANDARD FEATURES

- Spring-loaded carbide guides
- Combination reduction gearbox and perimeter ring gear
- Variable hydraulic downfeed
- Quick-acting vise
- *Rite-Tension*® band tensioning
- Positive frame lock
- Auto shut-off at end of cut
- *Tiger Tooth*® bi-metal blade
- Rotary blade brush
- OSHA blade guards

### Available Options

- 5 ft. or 10 ft. non-powered roller conveyor
- Laser line pointer
- PRS BS-1016: Variable band speed (70 to 375 sfpm\*)
- PRS BS-1318: Semi-automatic operation\*

Specifications subject to change without notice. Consult your Praxair representative when ordering.