



# Fully-automatic horizontal band saw

## HBS A 230 • 320 • 320 L

Vise feed. 9" to 13"



This new saw features a more rigid and compact design, automatic material feed, a parts counter and a built in coolant system. In keeping with an exceptionally high standard of machine quality, this KAAST saw incorporates infinitely variable band speed and cutting force for optimum cutting results.



The solid cast monoblock construction of the saw frame ensures that the machine will produce straight cuts, and the blade guides and rollers are carbide to promote longevity. With hydro-mechanical blade tension and an automatic band breakage detection and shut-off feature, this saw is truly a great piece of equipment.

### Standard configuration

- Automatic bandsaw for sawing solid material, tubes, profiles
- Solid cast monoblock saw frame
- Automatic lift of the saw head at the end of the cut by hydraulic cylinder with adjustable lifting height
- Material feed and clamping is carried out by driven rollers in the vise (worm gears)
- Material length adjustable by manual movable stop with micro-switch
- Desired number of parts controlled by electronic part counter
- Infinitely variable band speed 20-100 m/min.
- Carbide blade guides and rollers
- Infinitely variable pressure regulation by hydraulic cylinders
- Roller conveyor, 1200 mm (47")
- Automatic blade breakage control
- Hydraulic blade tension
- Coolant system
- Operation manual

| Specifications         |       | HBS A                        |                            |                           |
|------------------------|-------|------------------------------|----------------------------|---------------------------|
|                        |       | 230<br>9"                    | 320<br>12.5"               | 320 L<br>13"              |
| Cutting capacity 90°   | • mm  | Ø230 (9")                    | Ø320 (12.5")               | Ø330 (13")                |
|                        | ■ mm  | 240x230 (9.5x9")             | 320x300 (12.5x11.75")      | 610x310 (24x12")          |
|                        | ■ mm  | 230 (9")                     | 300 (11.75")               | 330 (13")                 |
| Band speed             | m/min | 35-70 (110-225'/min)         | 20-100 (65-325'/min)       |                           |
| Main drive motor       | kW    | 1.0-1.5 (1.5-2 Hp)           | 1.5 (2 Hp)                 | 2.2 (3 Hp)                |
| Hydraulic system motor | kW    |                              | 0.37 (0.5 Hp)              |                           |
| Coolant supply motor   | kW    |                              | 0.12 (0.15 Hp)             |                           |
| Feed motor             | kW    |                              | 0.25 (0.3 Hp)              |                           |
| Saw blade dimensions   | mm    | 2730x27x0.9 (107.5x1x0.035") | 3660x27x0.9 (144x1x0.035") |                           |
| Working height         | mm    | 590 (23")                    | 640 (25")                  |                           |
| Dimensions (L/W/H)     | mm    | 1700x1100x1500 (67x43x58")   | 1900x850x1300 (75x34x51")  | 2110x840x1300 (83x33x51") |
| Weight                 | kg    | 500 (1,100 lbs)              | 730 (1,600 lbs)            | 860 (1,900 lbs)           |
| Item No.               |       | <b>8502002</b>               | <b>8502008</b>             | <b>8502008L</b>           |

\*The above specifications are subject to change without prior notice. No liability for printing mistakes. Machine may be shown with optional equipment.