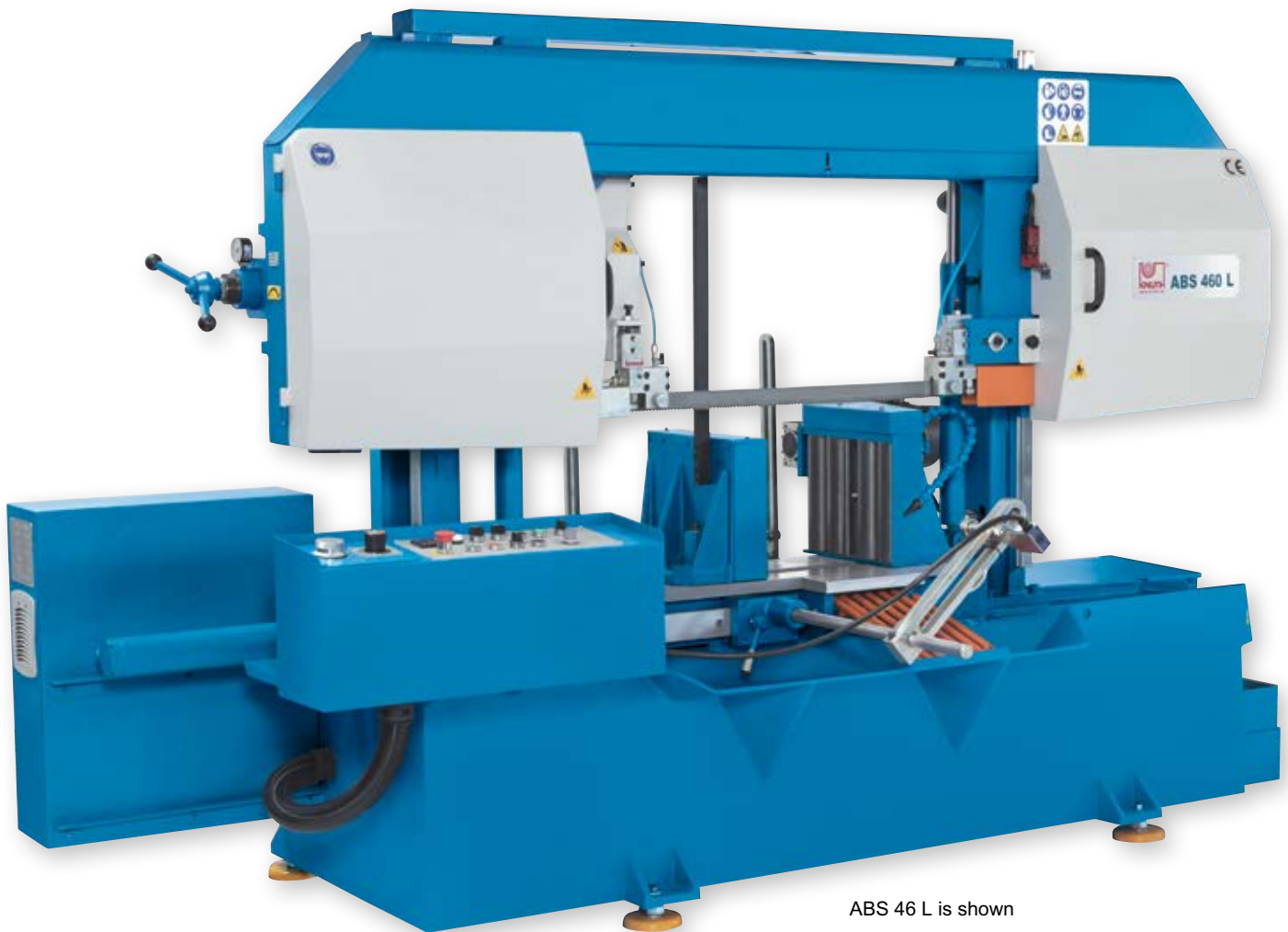




Fully Automatic Band Saw

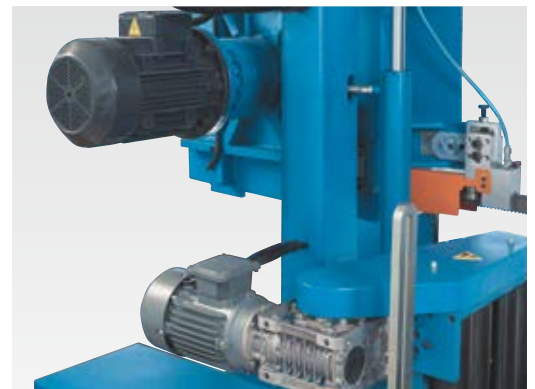
ABS 325 L • 380 L • 460 L • 560 L

A new generation: more automation, faster cuts and less down-time



ABS 46 L is shown

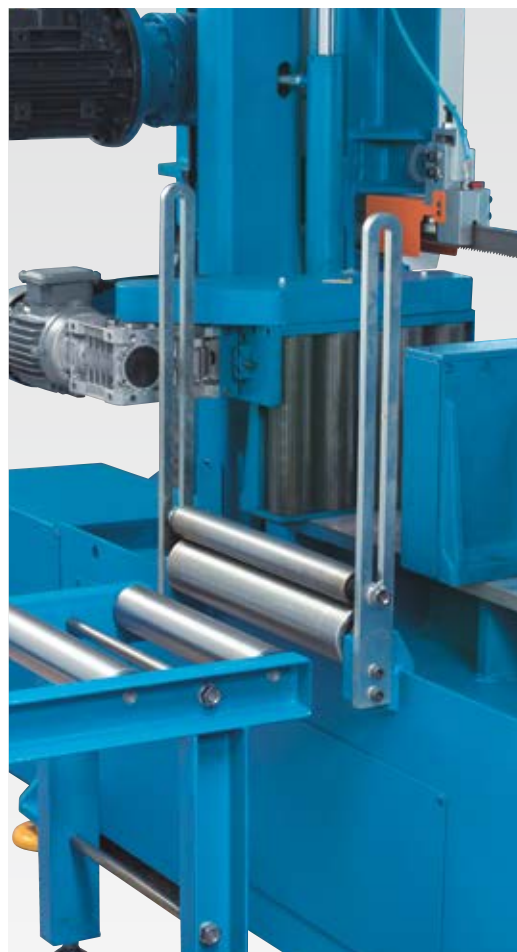
- torsionally rigid machine frame made of a robust steel construction with high-quality linear guides
- proven material feed system with hardened workpiece guide rollers and hydraulic workpiece clamping
- shorter machining times are made possible by an advanced hydraulic saw frame feed design, including a new pressure control system to master any sawing tasks - infinitely variable setting of feed speed and cutting pressure
- all required settings are accessible and clearly labeled at the second control valve for easy adjustments
- optical registration of the workpiece height allows empty runs in rapid feed mode for an optimum change-over to work feed and limiting of the vertical saw frame travel - everything is automated to reduce operator work load



Powerful saw blade/feed motors and heavy-duty gears can handle demanding applications and high loads with quiet operation and minimal space requirement.



Driven feedrate rolls stop automatically when the material



Solid feed roller table and material guide for workpiece bundles

Standard Equipment

saw-band, workpiece counter, band break control, coolant system, hydraulic clamping, mechanical saw blade tensioning with hydraulic pressure gauge, feed roller table 1,2 m, linear stop, operator manual

Bi-Metallic Band Saw Blades

| for model | dimensions | teeth/inch |
|------------------|-----------------|---------------|
| ABS-325 L | 4160 x 34 x 1,1 | 3/4, 4/6, 5/8 |
| ABS-380 L | 4800 x 34 x 1,1 | 3/4, 4/6, 5/8 |
| ABS-460 L | 5200 x 41 x 1,3 | 3/4, 4/6, 5/8 |
| ABS-560 L | 6000 x 41 x 1,3 | 3/4, 4/6, 5/8 |

For more information on band saw blades, please visit our website and look for ABS L (product search)

Specifications

Cutting capacities

| | | ABS 325 L | ABS 380 L | ABS 460 L | ABS 560 L |
|--|-------|-------------------------|-------------------------|-------------------------|-------------------------|
| Cutting capacity 90° circular / square / rectangular | mm | Ø 325 / 325 / 350 x 325 | Ø 380 / 380 / 430 x 380 | Ø 460 / 460 / 470 x 460 | Ø 560 / 560 / 570 x 560 |
| Cutting speed infinitely variable | m/min | 20 - 100 | 20 - 100 | 20 - 100 | 20 - 100 |

Drive capacity

| | | ABS 325 L | ABS 380 L | ABS 460 L | ABS 560 L |
|------------------------------|------|------------------|------------------|------------------|------------------|
| Motor rating / voltage | kW/V | 2,2 / 400 | 3 / 400 | 4 / 400 | 4 / 400 |
| Hydraulic motor / feed motor | kW | 0,55 / 0,25 | 0,55 / 0,25 | 0,55 / 0,25 | 1,1 / 0,55 |

Measures and weights

| | | ABS 325 L | ABS 380 L | ABS 460 L | ABS 560 L |
|--|----|------------------|------------------|------------------|------------------|
| Stop length | mm | 500 | 500 | 500 | 500 |
| Overall dimensions (length x width x height) | m | 2,45x0,9x1,5 | 2,9x0,95x1,66 | 3,1x1x1,8 | 3,5x1,05x2,05 |
| Weight | kg | 880 | 1.250 | 1.500 | 2.100 |
| Part No. | | 152757 | 152761 | 152766 | 152771 |