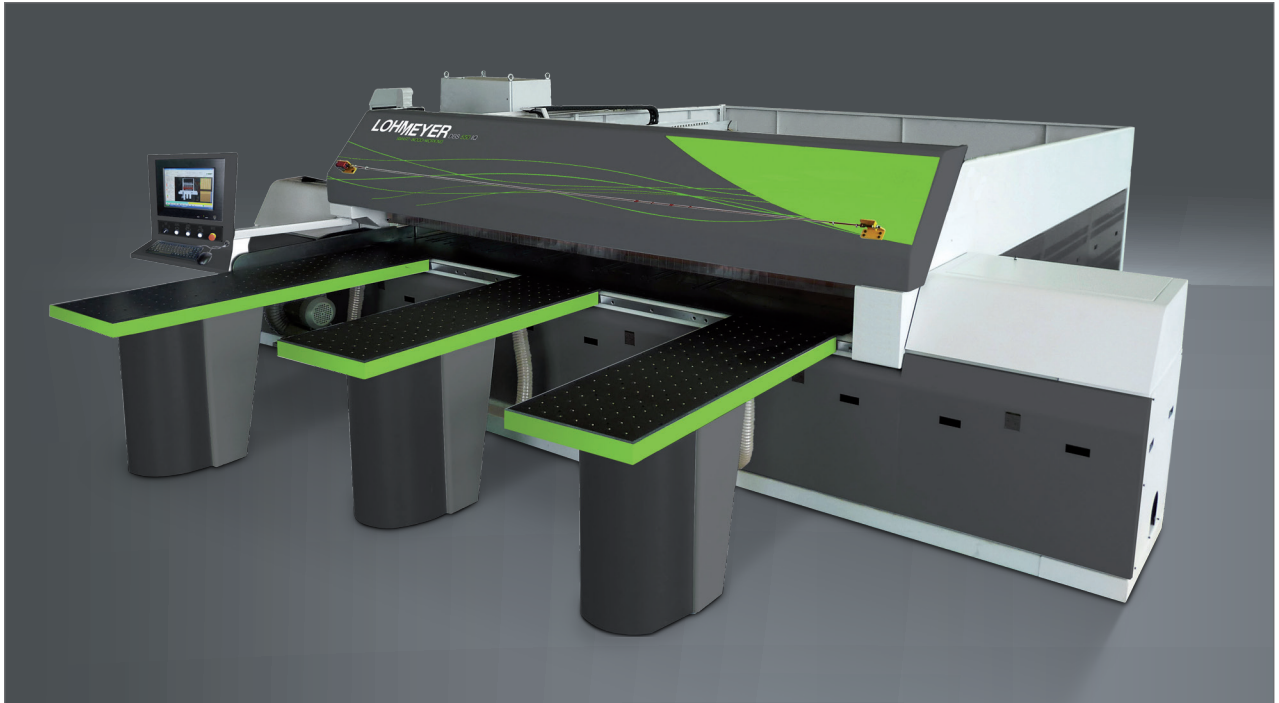


# Pressure Beam Saw DBS 525 IQ



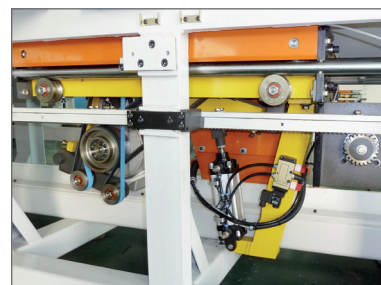
## Equipment

- Power of main saw: 15 kW
- Power of saw feed: 1.5 kW (AC-Servomotor)
- Cutting length: 3,280 mm
- Cutting width: 3,280 mm
- Manually adjustable scoring unit
- Dust extraction: 3 outlets  
(left / right, inside the saw carriage, min. velocity 20 m/s)
- Electronically adjustable feed rate of the saw carriage
- Blowing unit
- 8 workpiece clamping devices integrated in the programmable fence
- Alignment system to secure 90° cuts, pneumatic controlled
- 3 air tables
- Siemens control system
- 19" TFT Display, movable eye-level terminal



## Basic Machine

- Strong and rigid machine frame to carry the saw carriage
- Max. feed rate of the saw carriage forward speed:  
9 - 50 m/min
- Max. feed rate of the saw carriage backward speed:  
100 m/min
- Max. feed rate of the programmable fence: 50 m/min
- Main saw diameter: 400 mm
- Scoring unit saw diameter: 180 mm
- Saw blade projection: 90 mm
- RPM of the saws: 4,800 RPM
- Dimensions of the air tables: 1 x 1,900 x 540 mm  
2 x 1,600 x 540 mm
- Feeding and stacking device in front of the air tables
- Working height: 960 mm
- Pneumatics: min. 6 bar
- Layout: 5,830 x 6,630 x 1,810 mm
- Sound level: 85 dB (depending on the saw blade and the workpiece)



### Weight

- approx. 6,200 kg

### Electrical Equipment

- Voltage 400 V – 3 Phase – 50 HZ
- Total consumption: 19.7 kW

### Security and Safety

- CE Regulation according to the EC Machinery Directive

### Documentation

- Documentation and Maintenance Instructions in print and CD-ROM version

