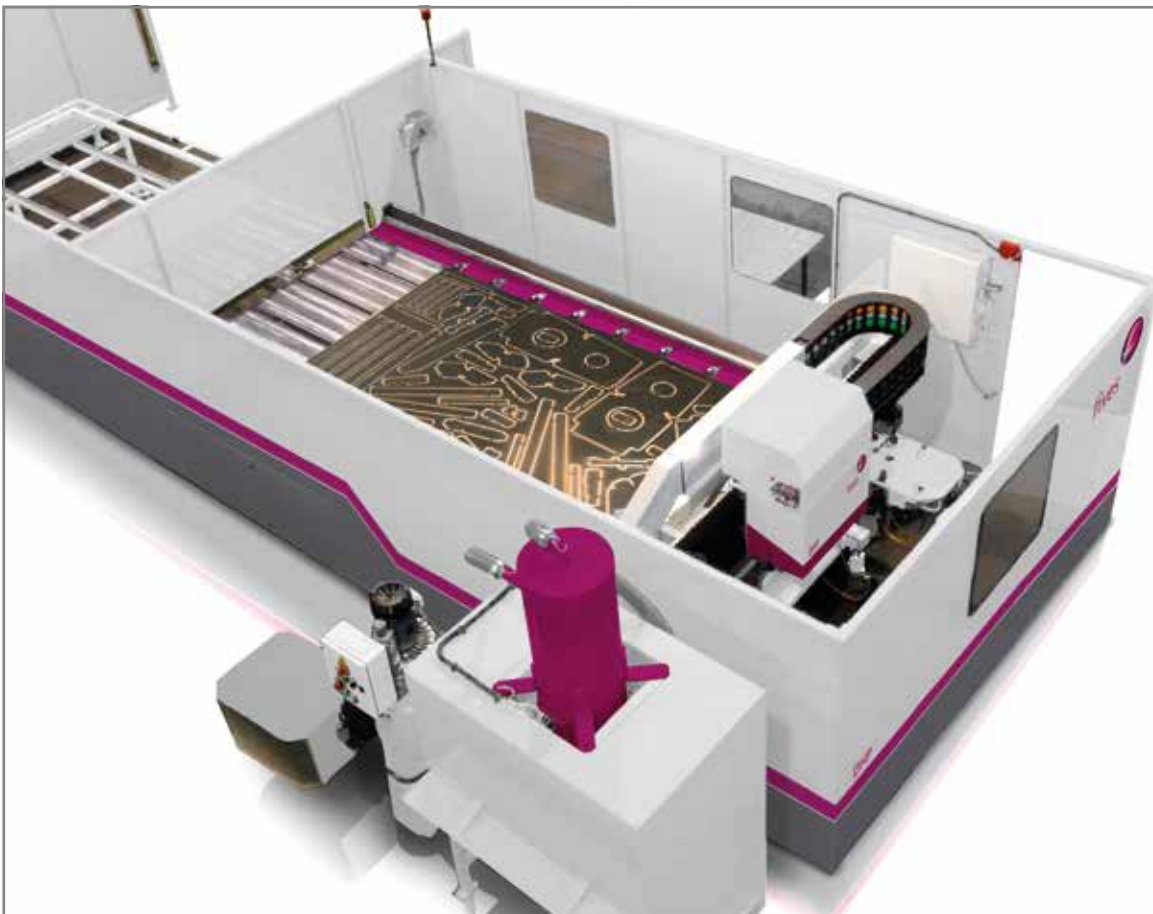


# Forest-Liné DHP™ 1500/3700

## High-speed stack routing machine



The Forest-Liné DHP™ 1500/3700 high-speed machining centers have been developed to perform drilling operations, complete and automatic routing of aluminium sheets. They are dedicated to the aerospace industry.

- High-speed and fully automatic stack routing machine dedicated to the aerospace industry
- Automatic sheet clamping mechanism
- Automatic tag generation, positioning and cutting
- Nesting software greatly reducing material waste
- Specially developed vacuum system

# The range of Forest-Liné DHP™ machines offers unrivalled productivity at a low cost per part

## ADVANTAGES

### Maximum productivity

- High speed and automatic aluminium sheet routing
- Sheet stacking capacity up to 10 mm
- High speed machining (6 m/min on average)

### Precision and quality

- Tight axes positioning precision and remarkable part quality
- Tool shrinking system to increase routing speed and precision

### Automated process

- Automatic sheet stack clamping system
- Automatic machining enabling hidden task performance
- Tag generation and positioning by the process command software
- Automatic machining process setting based on tool and material data

### Optimization

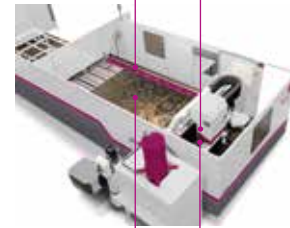
- Optimized nesting software to reduce scrap
- Simple loading/unloading system
- Optimized chip vacuum system to increase finished part quality
- Detagging operations as soon as possible



Unilateral automatic clamping system to reduce loading/unloading time



High rigidity spindle



Fully optimized and automated nesting and machining processes



Pressure bowl and optimized chip vacuum system to increase part quality



## Technical features

Sheet size	Max. size: 1,500 x 3,700 mm
Stack thickness	0.6 mm - 10 mm
NC	Siemens 840D
Electrospindle	Rotation speed: 1,000 to 24,000 rpm Power: 12 kW Maximum torque: 8 Nm
Tools	HSK 50E type tool carrier Tool magazine capacity: 20 (option: 50)



## OPTIONS

### Productivity growth

- Training (operator, programming, maintenance)
- Production assistance
- 2 loading/unloading carriages and pallets
- Fully automated cell

### Precision and quality

- Tool shrinking device
- Tool measurement device

### Optimization

- Process and command software (PCS)
- Nesting software
- Automatic pallet magazine
- Spare parts stock

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## CONTACT US

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