

# HARWI Orca

Vertical panel saws



Harwi represents **quality**  
**and service** through craftsmanship



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## Vertical panel saws

The Orca has a standard equipped security system which prevents vertical cutting of the plastic strips. The sawing unit is easily interchangeable between horizontal and vertical cutting. A unique frame construction, welded together, forming a solid base for an optimal performance, ensuring the longevity of the machine.



### Standard equipment

- Locking control (prevents vertical and horizontal strip cutting)
- Length stop
- Two midway fences
- Panel mover
- Brake motor
- Reiteration stop
- Stops for horizontal cuts
- Emergency stop
- Tools

### Options

- Digital read-out horizontal cuts
- Digital length-stop vertical cuts
- Electromagnetic clamping for horizontal cuts
- Extra midway fences
- Extra length stop (analog)
- Frequency converter
- Motor 2,2 kW/230V/1~ I/O 3 kW/400V/3~
- Support midway fence
- Socket for dust extraction
- Dust extractor D14 (not suitable for TRK system)
- Transport rollers (foot operated)
- Transport rollers (pneumatic)
- TRK system
- Moving panel support (hor) manually
- Moving panel support (hor) automatically
- Mitre support (for cutting e.g. 45°)
- Scoring saw unit\*
- V-grooving unit for aluminium composite panels (not usable with scoring saw)
- 1 meter extra length of cut 1550
- 1 meter extra length of cut 1850/2150
- 2 meter extra length of cut 1550
- 2 meter extra length of cut 1850/2150
- Special sawing heights / sawing lengths



## Specifications

Type	Orca 1250	Orca 1550	Orca 1850	Orca 2150
Height of cut	1250 mm	1550 mm	1850 mm	2150 mm
Length of cut	2500 mm	3300 mm	4300 mm	4300 mm
Depth of cut	55 mm	55 mm	55 mm	55 mm
Diameter saw blade	ø 250 mm	ø 250 mm	ø 250 mm	ø 250 mm
Diameter scoring saw*	ø 70 mm	ø 70 mm	ø 70 mm	ø 70 mm
Motor power	4 kW (5.5 hp)	4 kW (5.5 hp)	4 kW (5.5 hp)	4 kW (5.5 hp)
Voltage	400 V/3~	400 V/3~	400 V/3~	400 V/3~
Spindle speed	2800 rpm	2800 rpm	2800 rpm	2800 rpm
Saw blade rpm	5000 rpm	5000 rpm	5000 rpm	5000 rpm
Scoring saw rpm	13000 rpm	13000 rpm	13000 rpm	13000 rpm
Diameter dust extraction	ø 100 mm	ø 100 mm	ø 100 mm	ø 100 mm
Weight	530 kg	620kg	670 kg	700 kg

## Measurements

Type	Orca 1250	Orca 1550	Orca 1850	Orca 2150
A	800 mm	800 mm	900 mm	900 mm
B	1200 mm	1200 mm	1400 mm	1400 mm
C	1700 mm	2000 mm	2300 mm	2600 mm
D	2150 mm	2450 mm	2700 mm	3000 mm
E	3300 mm	4300 mm	5300 mm	5300 mm

