



TDF 55R

Front double-head cutting-off machine with manual movement of mobile head, controlled by NC, pneumatically-operated head external and internal tilting with two fixed positions 90° and 45°; all intermediate degrees from 135° to 22.5° with mechanical stop.

Hydraulic blade movement with 15° tilting angle in order to fasten the blocked profile and increase cutting capacity. Front casing with shaving collection tray; full cutting area protection, elevating, with pneumatic control. Profile support roller conveyor connected to the mobile head which compacts inside the casing.

Available in two working cut lengths: 4 m or 5 m.

All linear movements on ball-bearing guides and runners; mobile head drive with encoder on brushless motor and with tilted teeth rack and pinion ensures strength, precision, reduced noise levels and extended life over the years.

Micro-mist pneumatic blade lubrication (emulsified oil). 2 Horizontal and 2 vertical pneumatic clamps and pneumatic clamp for supporting the cut profile on support roller conveyor with low-pressure device together with start of cutting cycle with two-hand device particularly safe for the operator.

Industrial control with ARM microprocessor, Wide VGA display (800x480) - colour 7" - touch screen.

Control panel sliding on ball-bearing guides and runners with USB 2.0 socket.

Software with easy touch-screen graphic interface. Carrying out of single, undersize, oversize, trimmed, step-by-step and incremental cuts. Management of counter profile and cutting lists that can be uploaded using the USB pen drive or ethernet RJ45 network (optional). Ready for label printer, ready for shavings extraction fan connection and extraction fan automatic start (ASP 22).

Technical details	Three-phase power supply	380/400-50/60	V-Hz
	Three-phase blade motor power	2.2	kW
	Blade rotation speed	2850	rpm
	Blade diameter	550	mm
	Head positioning speed	25	m/min
	Working cut (according to version)	4000-5000	mm
	Minimum cut 135°-90°-45°	650-360-400	mm
	Adjustable external head tilt	90...22.5	°
	Adjustable internal head tilt	90...135	°
	Weight (according to version)	1750-1900	kg
Fittings	Service spanner bag		
	Operator's and maintenance manual with EC declaration		
	2 blades with HM teeth Ø550 mm (fitted)		
	Adjustable levelling feet (fitted)		
	Air blowing gun for cleaning (fitted)		
Accessories	Profile height control electronic gauge		
	Pneumatically-controlled integrated central roller		
	Thermal label printer with programme and support		
	Impulse pneumatic tool lubrication (neat oil)		
	Ethernet RJ45 socket on control panel		
	Horizontal clamp with low-pressure device		
	Wheeled industrial extraction fan version ASP 22		