



ETV330A/515A – SHEETER



ETV330A/515A is one of the most versatile sheeters available on the market.

Description:

The sheeter is operated by a touch display and available for the web widths 330 mm ($\approx 13.0''$) or 515 mm ($\approx 20.3''$). The sheeting is done by a guillotine cutter which is also suitable for cutting heavy materials. The sheeter easily adjusts to cutting by interval, length or print marks with a resolution of 0.1 mm ($\approx 0.004''$) and an approximate accuracy of ± 0.15 mm.

Specifications:

- Touch display setting of label quantity per sheet and other job information.
- Cutting operations according to one of the following criteria:
 - Label intervals by photocell.
 - Length measured by an encoder (1/10 mm interval).
 - Print mark by a print mark reader or capacitive sensor ("clear on clear"). (Optional equipment).
- Unwind mandrel with separate motor.
- Conveyor belt with setting of sheets per stack and total number.
- Automatic register control adjusts for changes in the sheeter speed.
- Warning (and stop) when the unwinder is nearly empty.
- Automatic stop in case of unintentional operation of the unwind section.
- "Window detector" allowing for cutting jobs without register mark and for stop of the sheeter in case of missing label or matrix faults (1 lane).

- Suspension of cutting while unusable paper runs through the sheeter.
- Switch-over from 1/10 mm to 1/100 inches when cutting by length.
- When the sheeter is switched off, all settings are preserved (battery backup).
- Switch-over to inline operation (optional equipment).

Technical specifications:

Cutting accuracy approx.	± 0,15 mm	(≈0.006")
Max. web width	330/515 mm	(≈13.0"/20.3")
Min. web width	30 mm	(≈1.8")
Max. sheet length	9999 mm	(≈393.7")
Min. sheet length	10 mm	(≈0.4")
Unwind mandrel diameter (sleeves)	40 – 180 mm	(≈1.6 – 7.1")
Max. unwind diameter (internal unwind section)	800 mm	(≈31.5")
Max. roll weight, unwinding	150 kgs	
Max. web speed	30 mtr/min	

The web speed is limited by max. 30 mtr/minute and max. 14,000 sheets/hour and varies consequently according to the selected cutting length. The theoretical speeds are as follows:

Cutting length	Sheets/hour	Mtr/min
25 mm	14,000	6
50 -	14,000	12
100 -	14,000	24
150 -	12,000	30
250 -	7,200	30
etc.		

The speed is typically 3,000 – 10,000 sheets/hour, subject to the job.

Dim. excl. conveyor table	(L x W x H) ETV330A	800x930 x1470mm	(≈31.5x36.6x57.9")
Dim. incl. conveyor table	(L x W x H) ETV330A	1820x930x1470mm	(≈71.7x36.6x57.9")
Dim. excl. conveyor table	(L x W x H) ETV515A	800x1120x1470mm	(≈31.5x44.1x57.9")
Dim. incl. conveyor table	(L x W x H) ETV515A	1820x1120x1470mm	(≈71.7x44.1x57.9")
Weight ETV330A		215 kgs	
Weight ETV515A		265 kgs	

Power specifications:

Electricity supply 200-240 V, 50/60 Hz Max. 0.4 kw

Optional equipment:

- Print mark reader for cutting by print marks.
- Capacitive sensor ("clear on clear").
- Length slitting knives (fixed), including holders (razor blade type, max. 2 knives).
- Length slitting knives (rotary top and bottom cutter), max. 6 knives. (Also for retrofitting).
- Separate unwind section, max. roll diameter 1000 mm (≈39.4").