



TOMAC 'TLN3' 3 IN 1 DECOILER AND SERVO STRAIGHTENER

Information for reference only.
Contact us for a detailed proposal.



| Model | TLN3-300 | TLN3-400 | TLN3-500 | TLN3-600 | Standard Features Photobeam Loop Control Motorised Snubber Arm Decoiler Variable Speed Coil Side Guide Rollers Strip Infeed Arms Ingoing Quadrant Self Centring Strip Guides Hardened and Ground Rolls Eccentric 'Upset' Roll Reference chart for Straightening Motorised Feed Height Adjustment Option Coil Loading Car |
|-----------------------|----------------------------------|----------|----------|----------|---|
| Max. Coil Width | 300mm | 400mm | 500mm | 600mm | |
| Min. Coil Width | 75mm | | | | |
| Strip Thickness | 0.5-4.5mm (refer to table below) | | | | |
| Max. Coil Weight | 3000kg | | | | |
| Coil I/D | Ø508mm | | | | |
| Coil O/D | Ø1200mm | | | | |
| Mandrel Expansion | Hydraulic | | | | |
| Max. Speed | 16m/min | | | | |
| Accuracy | ±0.2mm | | | | |
| Pinch Rolls | 1 pair, pneumatic | | | | |
| Straightening Rolls | 4 over 3 | | | | |
| Feed Rolls | 1 pair, pneumatic | | | | |
| Eccentric 'Upset Roll | 1 off, upper | | | | |
| Pneumatic Supply | 5bar clean and dry air | | | | |
| Decoiler Motor | 1.5kW | | | | |
| Servo Motor | 3.5kW | | | | |
| Height Adjustment | ±100mm | | | | |

Straightening Performance

| Strip Thickness | 0.5mm | 1.0mm | 1.6mm | 2.3mm | 2.5mm | 2.8mm | 3.2mm | 4.5mm |
|-----------------|-------|-------|-------|-------|-------|-------|-------|-------|
| TLN3-300 | 300mm | | | | | | | 150mm |
| TLN3-400 | 400mm | | | | | | 300mm | 150mm |
| TLN3-500 | 500mm | | | | | 400mm | 300mm | 150mm |
| TLN3-600 | 600mm | | | | 500mm | 400mm | 300mm | 150mm |

The straightening performance is based on the strip having mechanical properties of 400N/mm² tensile strength and 275N/mm² yield strength

