

| Product Data Sheet | | 02/11/2017 | Teknek Web Cleaner | | | | | | | |
|--|--|---|--------------------|----------|----------|----------|----------|----------|----------|--|
| Model | TWC 1000 | TWC 1100 | TWC 1200 | TWC 1300 | TWC 1400 | TWC 1500 | TWC 1600 | TWC 1700 | TWC 1800 | |
| Type - layout | Double Side or Single Side - Web Cleaner to suit a horizontal or vertical web path | | | | | | | | | |
| Cleaning Rollers | Designed and Manufactured in the UK by Teknek | | | | | | | | | |
| Construction | Designed in the UK, Manufactured in the UK | | | | | | | | | |
| Machine Covers | Not available | | | | | | | | | |
| Machine parts | Aluminium - Stainless Steel - Delrin (non anodised aluminium is used for resistance continuity) | | | | | | | | | |
| Motors | N/A - roller is driven by the web | | | | | | | | | |
| Controls " Host Line " Line Running Signal | 24v DC input | | | | | | | | | |
| Software | N/A | | | | | | | | | |
| Anti Static System - Optional - supplied loose | SIMCO MEB bar - Netherlands - stand alone transformer - requires a separate power input with single phase supply | | | | | | | | | |
| Pneumatics | SMC | | | | | | | | | |
| Control Box - interface for host machine HMI | Plastic Box construction designed and manufactured in the UK - 6mm push fit air connections | | | | | | | | | |
| Power Supply Unit - machine | Not required | | | | | | | | | |
| Bearings / Earthing ring | SKF Japan / Aegis SGR Solid Ring bolt through Grounding Ring | | | | | | | | | |
| Applied tension to film | 10N/m (this will reduce as the contamination is collected on the adhesive roll) | | | | | | | | | |
| Telescopic Slides for Adhesive/Roll & Rubber/Rollers - Optional | Designed and Manufactured in the UK - Widney slides - optional to base machine | | | | | | | | | |
| Mechanical Adhesive Shaft | Designed in Teknek manufactured in UK | | | | | | | | | |
| Torque Setting for RR & AR Clamps | 20 N/m | | | | | | | | | |
| Effective Cleaning width (determined by width of adhesive roll) | 1000mm | 1100mm | 1200mm | 1300mm | 1400mm | 1500mm | 1600mm | 1700mm | 1800mm | |
| Services | Electrical Machine | 24vDC - signal voltage only | | | | | | | | |
| | Static Transformer - Optional | 110 / 230v AC 50/60Hz | | | | | | | | |
| | Power consumption - Machine | N/A | | | | | | | | |
| | Power consumption - Static (optional) | max 55 Watts | | | | | | | | |
| | Air Pressure | 5 - 7 bar - machine fitted with tamper proof factory set regulators. | | | | | | | | |
| | Air Pipe - SMC | 6mm Outside diameter - Blue 20m Nylon 12 Air Hose, 0 to +40 (Water) °C, -20 to +60 °C | | | | | | | | |
| | Air Quality | Oil Free/Dry | | | | | | | | |
| | Air Consumption | 0.5 L/Cycle Double Side Machine - air required only for on/off cycle | | | | | | | | |
| Cleaning Roller - 1 per side | Base Material | Nanoclean™ - Urethane - 55Å UTF - Silicone - 25Å | | | | | | | | |
| | Manufacturing Standard | ISO 6123 Class A - Part 1 - 2 - 3 | | | | | | | | |
| | Straightness | 0.1mm/m - metre | | | | | | | | |
| | Roller Diameter | Ø 112mm | | | | | | | | |
| | Construction | Carbon Fibre Tube with moulded rubber - sleeve technology | | | | | | | | |
| | Roller assembly weight (Sleeve and shaft) | 1800 wide - 8 kilo | | | | | | | | |
| Adhesive Roll - 1 per side | Base Material | ECO - Polypropylene - Temp - Max 120°C / Min 5°C | | | | | | | | |
| | CAREF | Adhesive Roll Eco Film - 4" core diameter | | | | | | | | |
| | | Water Based Acrylic Adhesive | | | | | | | | |
| | Diameters - Ø | ID - 101.6mm / OD - 125.4mm (4" ID) | | | | | | | | |
| | Adhesive roll Assembly weight | 1800 wide - 4 kilo | | | | | | | | |
| Machine Weight - DS Unit Data | Total " machine weight " is calculated on agreement of specification | | | | | | | | | |
| Load Per Standing Foot | N/A | | | | | | | | | |
| Pass Height | N/A | | | | | | | | | |
| Operation | Mode | N/A | | | | | | | | |
| | Flow direction | Web path left to right or right to left. Web path top to bottom or bottom to top | | | | | | | | |
| | Speed Range | 1 - 250m/min | | | | | | | | |
| | Speed Accuracy | Web Driven | | | | | | | | |
| Mounting Options | Standard Mounting holes provided on machine frame | | | | | | | | | |
| Covers | Not Available | | | | | | | | | |
| Diverter Rollers | Not Available | | | | | | | | | |