

# THE TEKNEK CM10 CLEAN MACHINE

**teknek**

An ITW Company



# TEKNEK CM10 CLEAN MACHINE

The CM10 Clean Machine has been specifically designed to provide double-sided cleaning of large format substrates. The wide range of applications for this machine include graphics, screen printing, LCD manufacture, lamination, packaging and glass manufacturing.

The machine uses the proven Teknek elastomer contact cleaning rollers and adhesive roll which provides the most efficient cleaning engine and yield improvement system in the market today. The four large diameter elastomer rollers will lift dry unattached particles down to 1 micron in size and then transfer these to the reverse wound pre sheeted adhesive roll. When the adhesive is full of contamination a layer is removed and the adhesive is refreshed.

## SPECIFICATION

Available in three cleaning widths	1000 - 1200 - 1500mm
Process Speed Options	3 - 12m/min & 10 - 40m/min*
Mode of Operation	Uni-Directional & Auto Reverse
Conveyor Options	Refer to attached drawing information
Pass Line Height	950 +/- 50mm
Power Supply	Selectable - 100 - 230v 50/60hz
Pneumatic Pressure Required	5 - 7 Bar or Free Air

\*Speeds outwith the stated figure above available through our "RFQ" Request For Quotation process



## FEATURES

## BENEFITS



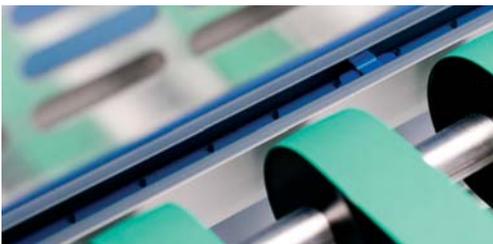
Easy to use "Tilt system"

Unique "space saving" access to both elastomer roller and Teknek pre sheeted adhesive rolls. No need for side pull out as the "tilt system" allows complete access to the "cleaning engine".



Tape conveyors at different lengths

Modular tape conveyor design giving a complete cleaning solution to be integrated into any process.



Powerful, safe 7Kv anti static system

Anti static bars on the exit of the machine, greatly reduce the risk of re-contamination of the sub strate after cleaning.



Adhesive Roll spindle system " No Tools required "

The unique spindle system allows the operator to replace the pre sheeted adhesive roll without the use of any tools.



Simple machine controls

The simple controls that feature at one end of the CM10 allow the machine to be operated with minimum operator training.



Optional Features

Panel Count - allows you to set the number of panels to be cleaned between Adhesive Roll refresh.

Alarm Beacon - can be set to flash and alarm in conjunction with the panel count option.

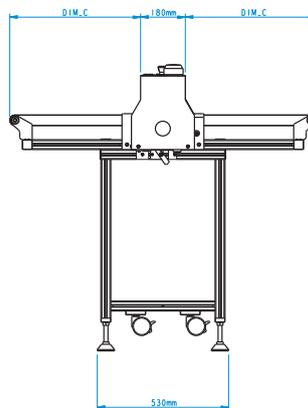
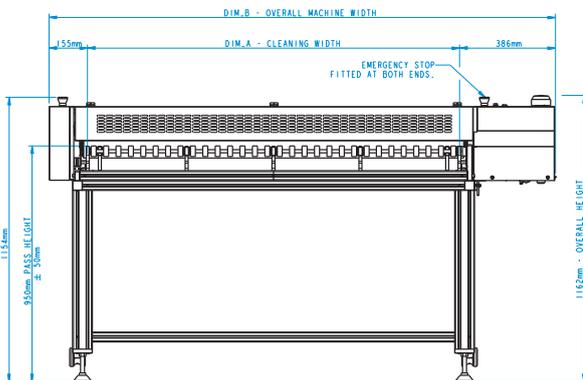
Digital Speed Readout - displays the actual processing speed of the machine.

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## TECHNICAL SPECIFICATION



MACHINE	DIM_A	DIM_B
CM10 - 1500	1500mm	2040mm
CM10 - 1200	1219mm	1760mm
CM10 - 1000	1000mm	1540mm

CONVEYOR TYPE	DIM_C
'1500' LONG TAPE	1528mm
'1000' LONG TAPE	1028mm
'800' LONG TAPE	828mm
'500' LONG TAPE	528mm
STUBBY TAPE	286mm



Maintain the Teknek cleaning engine performance with Teknek pre-sheated adhesive rolls. Reduce operator injuries as there is no need for knives. Reduce scrap as the operator only removes one layer of adhesive at a time. Order your replacement Teknek sheeted adhesive rolls at [www.teknek.com](http://www.teknek.com)



Teknek elastomer rollers, main components within "The Teknek Cleaning Engine" are manufactured in our own production facility. Our in-house team of chemists, engineers and designers work together to ensure the elastomer rollers made are the best in the world. Order your replacement Teknek elastomer rollers at [www.teknek.com](http://www.teknek.com)

### WORLD LEADER IN CONTACT CLEANING

Teknek Head Office  
River Drive  
Inchinnan Business Park  
Renfrewshire, PA4 9RT  
Scotland, UK

T: +44 (0)141 568 8100  
F: +44 (0)141 568 8101

Teknek Japan Ltd  
1-2-4, Minatojima-Nakamachi,  
Chuo-ku,  
Kobe 650-0046  
Japan

T: +81 (0)78 304 5780  
F: +81 (0)78 304 5781

Teknek China Ltd  
1505 Haitong Security Building  
No. 689 Guangdong Road,  
Huangpu Area, Shanghai  
China 200001

T: +86 (0)21 3311 0329  
F: +86 (0)21 3311 0330

Teknek (Simco-Ion)  
2257 North Penn Road  
Hatfield,  
PA 19440  
USA

T: +1 215 822 6401  
E: [ussales@teknek.com](mailto:ussales@teknek.com)