

Tek-BC-10 / 20
TEKNEK BOARD
CLEANERS



An ITW Company



Tek-BC-10 / 20

TEKNEK BOARD CLEANERS

The Tek-BC-10 & 20 is the next generation of "Low Static" board cleaners for the SMT industry. Inspired by a new Teknek 2.0 philosophy, these multi-functional products are fully Industry 4.0 compatible both for M2M communication and automated board handling. Known throughout the SMT world for our cleaning technology, these ground-breaking products offer your process so much more.



An ITW Company

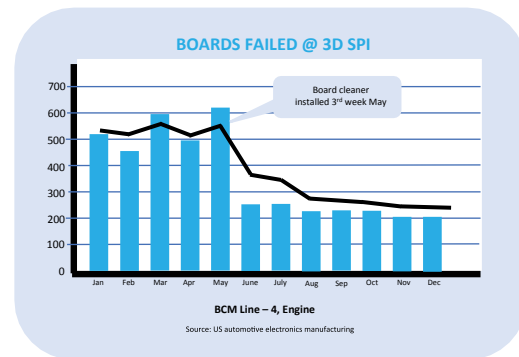
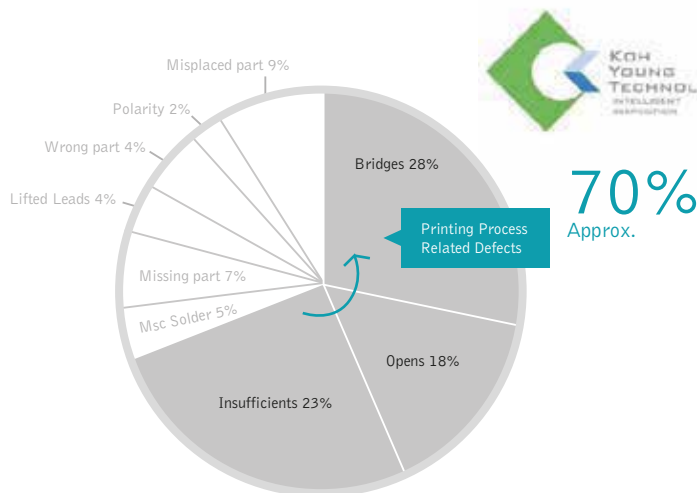
SPECIFICATION	TEK-BC-10	TEK-BC-20
PRODUCT	Dual Lane Board Cleaner	Single Lane Board Cleaner
CLEANING WIDTH	40 - 200mm per lane	40 - 400mm
OPERATING MODES	Single sided cleaning / by-pass	Singled side cleaning / by-pass
HOLDING CONVEYER	300mm max board length	300mm max board length
ROLLER TYPES	NT™ / NANOCLEEN™	NT™ / NANOCLEEN™
ADHESIVE	GAR	GAR
PROCESS SPEED	1 - 22m/min	1 - 22m/min
PASS HEIGHT	900±50mm	900±50mm
MAINS POWER	85 - 265vAC	85 - 265vAC
AIR SUPPLY	5-7 bar 'OIL FREE AIR'	5-7 bar 'OIL FREE AIR'

*Optional features only available on Saturn model

PRODUCT COMPLIANCE	Tek-BC=10 / 20
MACHINE	ANSI / ESD s6.1 - 2014 & IEC 61340-5-1 2016
ALL ROLLERS	ISO 6122 CLASS A
NT™ / NANOCLEEN™	ANSI / ESD s20.20 - 2014
ALL ADHESIVES	FINAT

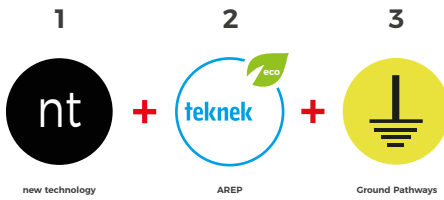


SMT DATA

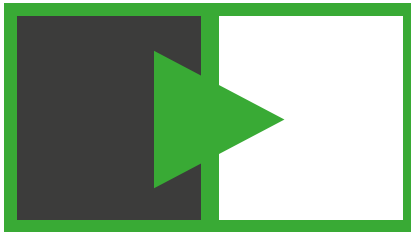


FEATURES

BENEFITS



Low Static Cleaning

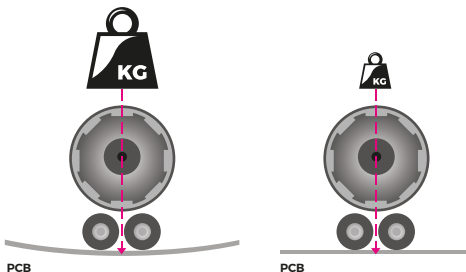


IPC-HERMES-9852

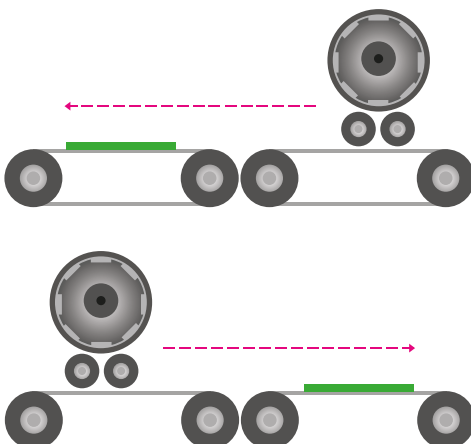
Network



Interface



Low Applied Pressure



Split Conveyor System

COMPLIES WITH ANSI / ESD S20.20 – 2014

Why run the risk of Static Discharge in your cleaning process? Every part of the Tek-BC-10 & 20 have been designed to clean boards in a "Low Static Environment". This is achieved through great design principals along with patented elastomer and adhesive technology. As processes strive to control ESD & EOS, this new "Low Static" technology meets international standards.

100% CONNECTED

Communication between equipment throughout the SMT process has never been more important. Not only will the Tek-BC-10 & 20 products fully integrate into the process, they also come with IPC-Hermes – 9852 or SMEMA capability. M²M communication is also available on request.

POWERFUL HEART

An industrial controller is the heart of the Tek-BC-10 & 20 range. Accessed by the operator through a 10" touchscreen, simple easy to understand Icons reduce operator training time. The system is linked to an intelligent internal and external patented monitoring system which gives the operator real time feedback.

DON'T RISK INTERNAL DAMAGE

As the technology within finished boards increase and the overall thickness reduces, the need to control the applied pressure is vital. A simple input by the operator or an instruction through Hermes will automatically set the height of the cleaning rollers. This ensure the optimum pressure is applied to the top surface of the board, removing possible over stress of the boards.

INCREASE PRODUCTIVITY

As standard the Tek-BC-10 & 20 is supplied with a unique split internal conveyor system. This has been created to ensure, at all times, there is a clean board available on the Holding Conveyor zone to be called in by the printer. This feature reduces cycle time and increases productivity.

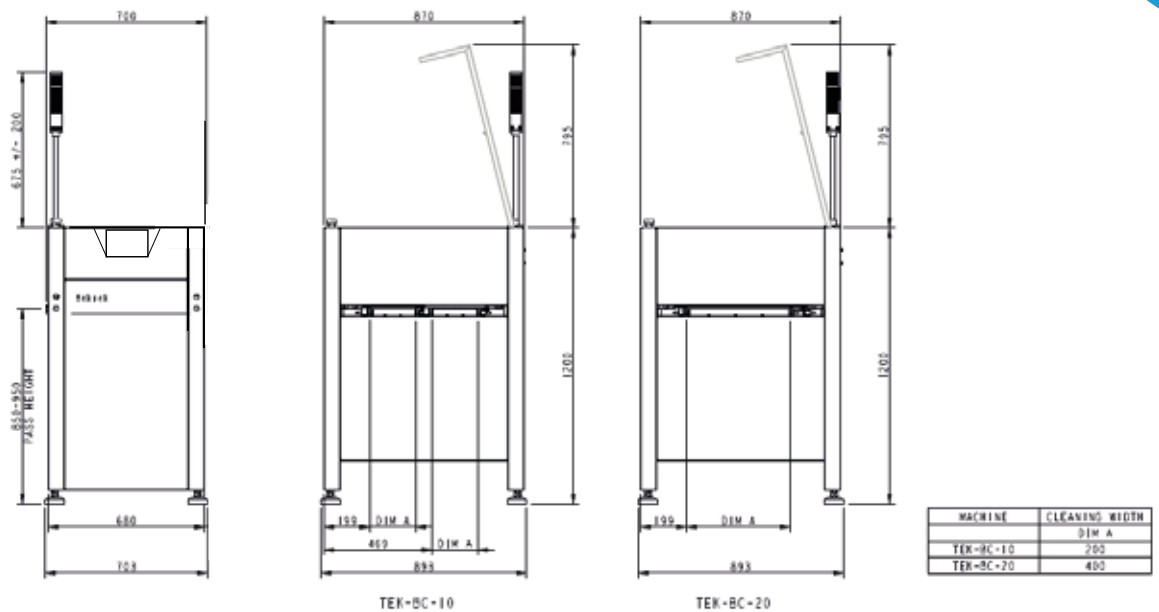
Tek-BC-10 / 20

TEKNEK BOARD CLEANERS



An ITW Company

TECHNICAL SPECIFICATION



CAPABILITY

Tek-BC-10 CLEAN & BY-PASS	Min - Max Length Min - Max Width Min - Max Thickness	50mm - 350mm 40mm - 200mm 0.6mm - 3.5mm
Tek-BC-10 BOARD HOLD	Min - Max Length Min - Max Width Min - Max Thickness	50mm - 350mm 40mm - 200mm 0.6mm - 3.5mm
Tek-BC-20 CLEAN & BY-PASS	Min - Max Length Min - Max Width Min - Max Thickness	50mm - 350mm 40mm - 400mm 0.6mm - 3.5mm
Tek-BC-20 BOARD HOLD	Min - Max Length Min - Max Width Min - Max Thickness	50mm - 350mm 40mm - 400mm 0.6mm - 3.5mm



WORLD LEADER IN CONTACT CLEANING

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

T: +44 (0)141 568 8100
E: teknek@teknek.com

Teknek China Ltd
Unit E, 4/F,
Winfield Industrial Building,
3 Kin Kwan Street,
Tuen Mun, N.T.
Hong Kong

T: +852 2468 3160
E: hk@teknek.com

Teknek (BRUX Japan)
1-3-1-6F Hakataekiminami
Hakata-ku,
Fukuoka-city, 812-0016
Japan

T: +81(0)92 473 6455
E: teknekjapan@brux.jp

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

T: +1 215 822 6401
E: ussales@teknek.com