ALWAYS AHEAD IN INNOVATION

Converting Machinery Cevenini Srl.
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Automatic Log Slitter 4 Mandrels Turret
Mod. E4 - (XYZ) B



Technical Features

- *Fully automatic nonstop working cycle, including the overturning of the turret with manual loading and unloading of material.*
- *Working width: 1700mm. (67").*
- *Max weight of material loadable on unsupported mandrel: 80 kg (176.5 lbs); with supported mandrel , 200 kg (441 lbs).*
- *N. 4 Interchangeable mandrels from Ø 51mm (2") to Ø 76mm (3").*
- *Indexing tolerance: +/- 0,1mm. (0,003").*
- *Cutting width: from 2mm. width decimal increasing (from 0,08"with decimal increasing).*
- *Cutting system: two over imposed circular blades to slit two logs simultaneously on two mandrels, with other two are available for loading/unloading operation.*
- *Turret rotation combined with automatic expansion of the mandrels provides continuous operation and allows faster loading and unloading of material.*
- *Driver blade unit.*
- *Automatic blade pivoting angle.*
- *Automatic detection of log diameter on the upper log.*
- *Machine controlled by a PLC "SIEMENS"and interface operator "TP700" with touch screen technology for all the working functions and display for the cutting widths pre-selection, production counter, rotation speed of the log and of the blade.*
- *AuProgramming panel located on a swivel arm for great display of the pre-selected working data.*
- *tomatic check-control on the machine working functions, with self-diagnosis messages.*
- *Total safety protection guard with sliding doors, complying with the "EC" requirements in force.*
- *Ability to select 2 different cutting widths per logroll.*
- *Proportional valve to adjust 3 penetration speeds of the blade into the material using a linear transducer.*
- *Accurate setting of the blade stroke, depending on the outside Ø of the log and inside Ø of the core.*
- *Log and blade rotation speeds adjustable on a continuous scale.*
- *Front side machine backwater tank, blade cover, blade shaft and flange made of stainless-steel.*
- *Lubricating and cooling system of the blade by spray of air/lubricant mixture.*
- *Automatic blade sharpening unit with de-burring assembly, programmable in frequency and time.*
- *Blade carriage index by means of a re-circulating ball screw connected with a "brushless" motor.*
- *Internet remote-service assistance with link to CMC CEVENINI for on-line software up-date and fault finding.*

Options

- *Ability to cut up to 4/8 different widths on the same log.*
- *Laser pointer to easy allow the manual positioning of the blade.*
- *Possibility to store numberless working pages.*
- *Automatic "0" blade tip detection at every cutting cycle or after a hold.*
- *Additional chilled air cooling system for the blade (Vortex).*
- *This model can be customized to meet customer's needs thanks to a wide range of options available.*

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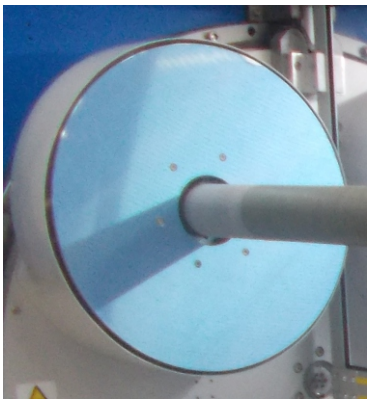
MAIN FEATURES

MACHINE	HEAD	MAX OD LOGS	MANDRELS	MAX OD BLADES
E4-XYZ B	DISK	=400mm (15,7")	OD 76mm (3")	470mm (18.5")
E4-XYZ B	STANDARD	=300mm (11.8")	OD 76mm (3")	470mm (18.5")
E4-XYZ B	DISK	=430mm (16,9")	OD 76mm (3")	500mm (19.7")
E4-XYZ B	STANDARD	=360mm (14.2")	OD 76mm (3")	500mm (19.7")
E4-XYZ B	STANDARD	=460mm (18.1")	OD 76mm (3")	550mm (21.6")



STANDARD HEAD
Jaw Chucks with plateau + Pins+ Expansion



DISK HEAD
Disk + Expansion

MAIN MATERIALS CUT BY THE CMC CEVENINI E4-(XYZ) B MACHINES

PROTECTION TAPE, FOAM, NON WOVEN, TEXTILE, AND P.S.A. TAPE AND OTHERS

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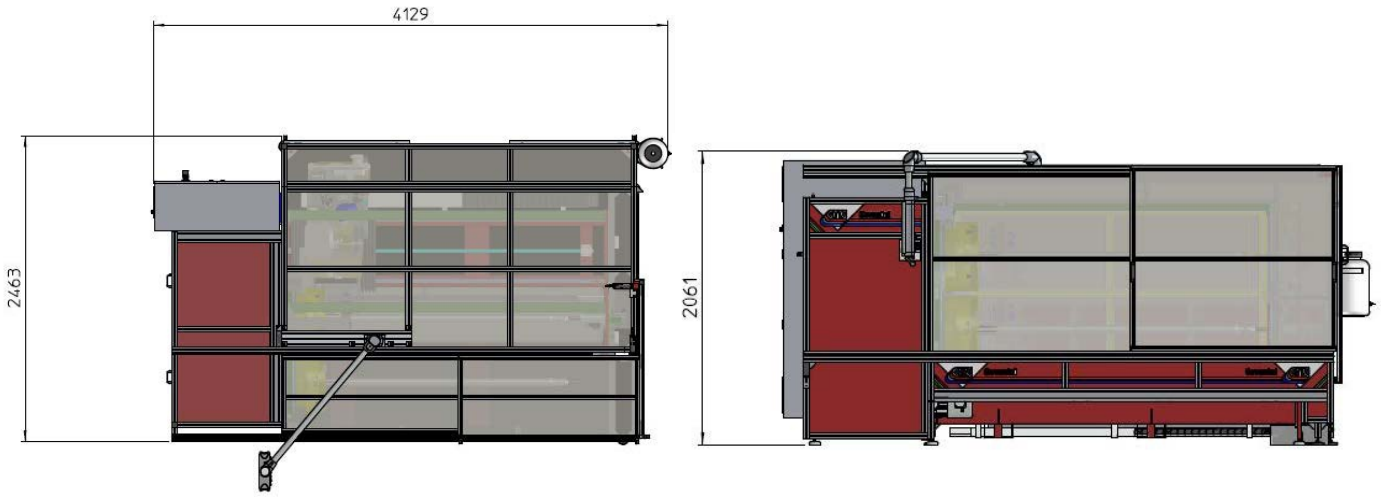
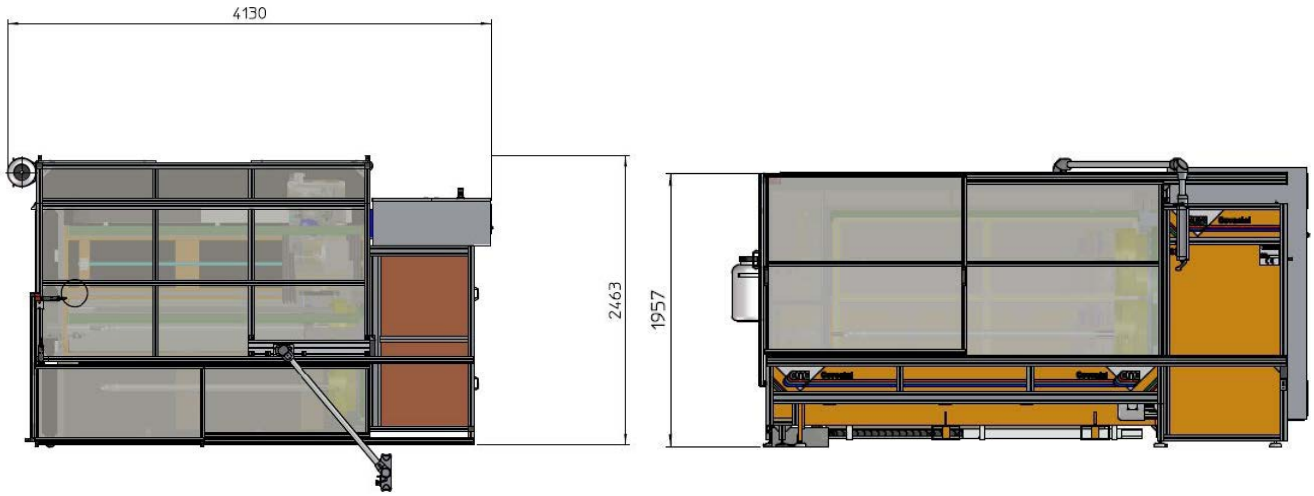
Top and side view E4-(XYZ) B , STANDARD



Top and side view E4- (XYZ) B, DX



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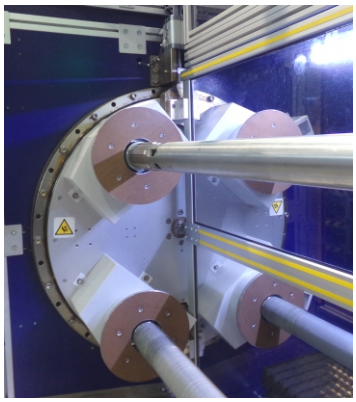
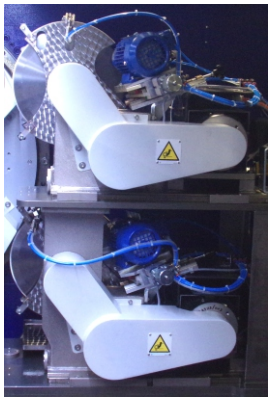
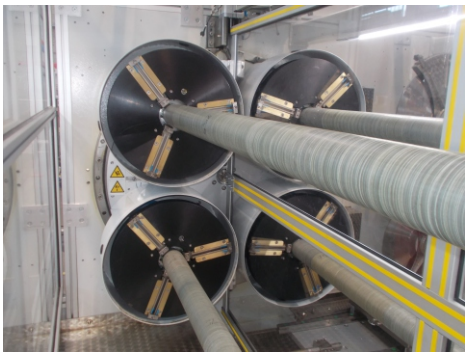
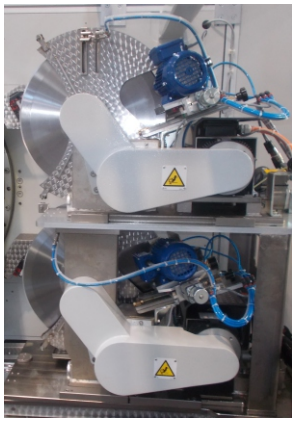
MACHINE EXAMPLES

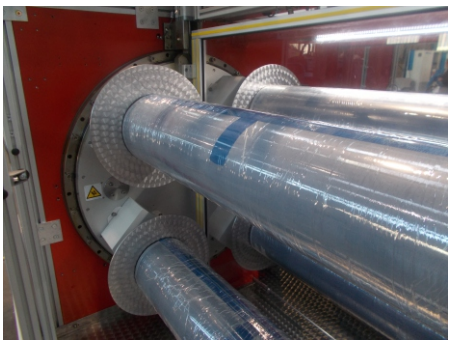
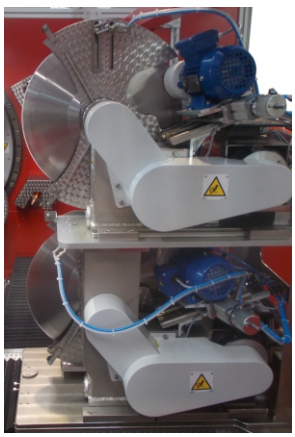
E4-250 B general view, turret, heads and blades details (Standard image)

E4-300 B general view, turret, heads and blades details (Standard image)

E4-400 B general view, turret, heads and blades details (Standard image)

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