



Converting Machinery Cevenini Srl.

Via del Lavoro, 18 - 20863 CONCOREZZO (MB) Tel +39/039/6042569

Fax +39/039/6042606 - info@cmccevenini.it - www.cmccevenini.com

10-Mandrel Fully Automatic Log Slitter Mod. SA92-10



Technical Features

Automatic Log Slitter able to cut simultaneously on ten(10) mandrels.

Materials: Masking Tape, duct tape, fiber glass reinforced, double side tape and P.S.A.T.

Max. Working width: 1850mm (72.83")

Min. log Ø: 90mm. (3.54") on Ø 3" mandrels

Max. log Ø: 155mm. (6.10") on Ø 3" mandrels.

Core inside Ø: 75mm. (3").

Core max. width; 1935mm (76.18")

Cutting width: min. 3mm. (0.11") - max. 100mm. (3.93").

Indexing tolerance: +/- 0.1mm. (0.003"). - Compressed air: 6 atm

Cutting unit consisting of 10 circular blades, driven or free.

Fully automatic working cycle including the loading of logs and unloading of cut rolls every cutting cycle.

The cut rolls are conveyed through the main conveyor belt to reach the packaging machine while the trim rolls are unloaded using a secondary conveyor belt.

The program has the ability to store a considerable number of cutting programs which contain all the relevant parameters to cut various sizes and quantities in each working cycle.

Penetration speed of the blades together with rotational speeds of the blades and mandrels are adjustable on continuous scale.

Penetration speed of the blades into the rolls is adjusted by proportional valve.

Special device for lubricating and cooling of the blade.

Possibility to preselect the blades penetration speed and the blade plunge angle for each cutting width including the first and the last trim edge cut.

Automatic blades plunge angles variation by computerized control.



Cevenini USA LLC

7381 Washington Blvd., Suite 103

ELKRIDGE, MD 21075

Tel 410/796-7944 - Fax 410/796-7919

cevenini@earthlink.net - www.cmccevenini.com



Cevenini UK

87, Priory Court - Alston Drive

Bradwell Abbey - Milton Keynes MK13 9HF

Tel 01908/615508 - Fax 01908/615509

info@cmccevenini.co.uk - www.cmccevenini.com



10-Mandrel Fully Automatic Log Slitter Mod. SA92-10



Partial view of robot logs loader

The ten (10) head log splitter is designed to store up to 30 logs in to the storage area, allowing fast log loading operation cycle.

Bottom robot loader full view

The ten (10) logs are stored on a rack, waiting the robot forks to take & move them into the chucks/ mandrel area, to be quickly loaded into the machine. This operation is a time saving for logs loading cycle, as it is made simultaneously and independently from the cutting machine working cycle.



Clamping logs on robot loader

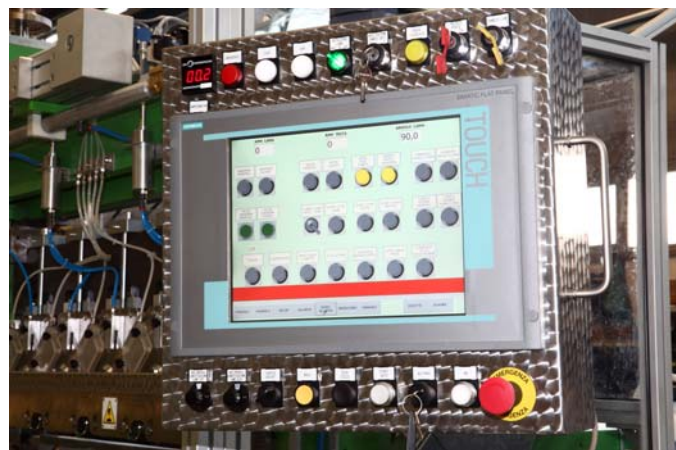
The ten forks device clamps the extended core to take the ten (10) logs from loading to cutting area. This is also a good save in time operation as all the ten logs are released simultaneously in the cutting machine area.



10-Mandrel Fully Automatic Log Slitter Mod. SA92-10

SIMATIC FLAT PANEL TOUCH SCREEN to control machine functions

Touch screen panel to control all the machine functions. The panel is a PC windows operated and can store program pages, machine manual instruction, schematics and many other information.



Pneumatic chuck for outside core locking to drive the product

The ten (10) chucks lock the log extended core, bringing them to the required rotational speed. The ten (10) mandrels move forward to reach fast the start point of the programmed cut widths.

Production rates on 10-Head Cutter SA92/10

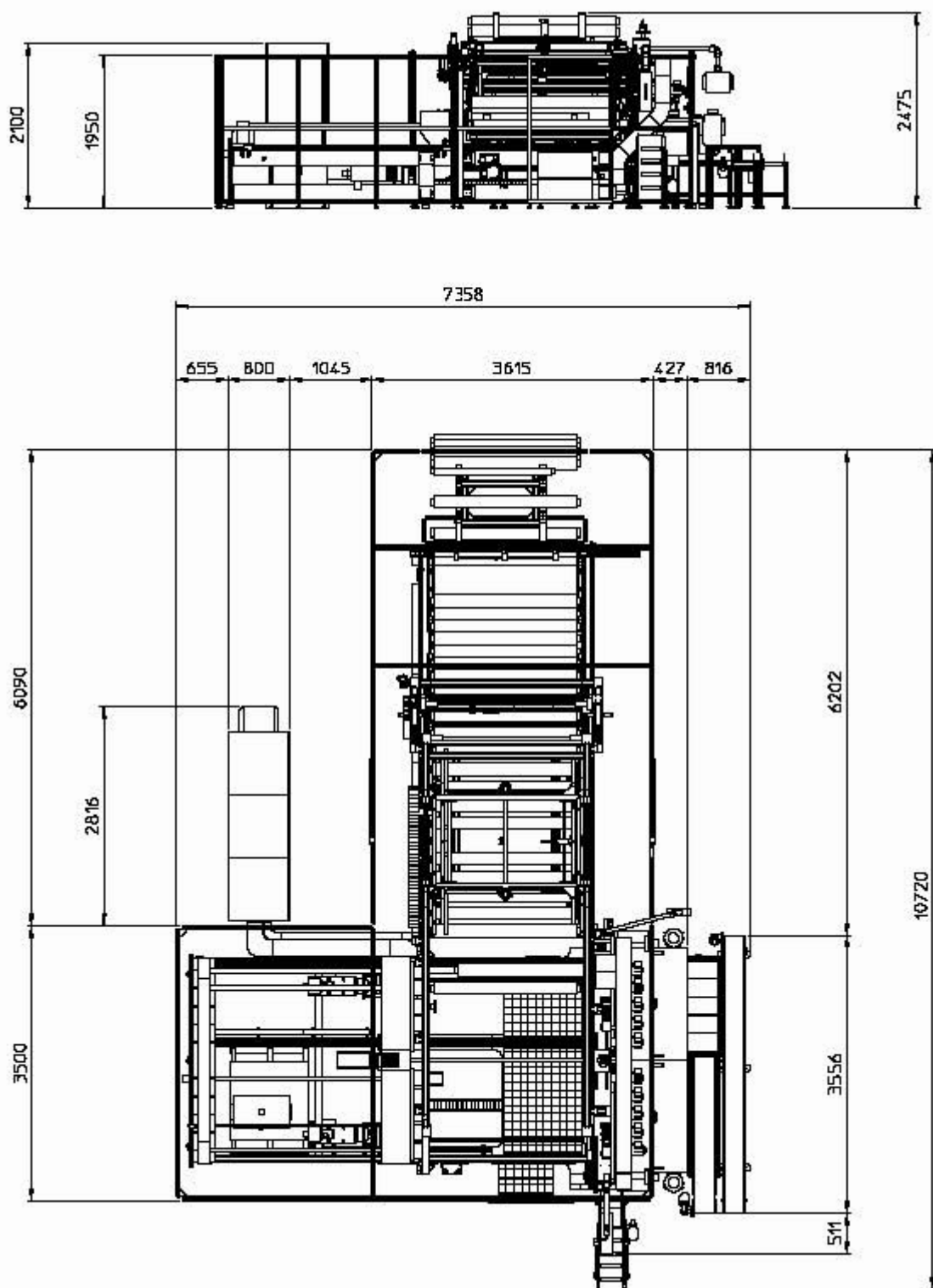
MATERIAL	USEFUL FILM WIDTH	O. Ø - MT.	CUTTING WIDTH MM.	PIECES PER LOG	SECONDS PER CUT	LOADING / UNLOADING TIME	TOTAL CYCLE TIME	CYCLE PER HOUR	HOURLY PRODUCTION
MASKING TAPE	1530	118 - 55	9	167	2,4	33	436	8,25	13778
MASKING TAPE	1530	118 - 55	24	62	2,9	33	216	16,66	10329
MASKING TAPE	1530	118 - 55	48	31	3,125	33	133	27,06	8388
MASKING TAPE	1800	117 - 50	25	72	3	36	255	14,11	10159
MASKING TAPE	1800	117 - 50	50	36	3,3	36	158	22,78	8200
FLAT BACK	1530	138 - 55	48	31	3,125	33	133	27,06	8388
DUCT TAPE	1530	138 - 55	72	21	3,125	33	102	35,29	7410
DUCT TAPE	1530	138 - 55	96	16	3,5	33	92,5	38,91	6225

Cevenini, since 1939; log slitting specialist.



10-Mandrel Fully Automatic Log Slitter Mod. SA92-10

top view - millimetres



Cevenini, since 1939; log slitting specialist.