

World Class

Machines

For

World Class Tyres

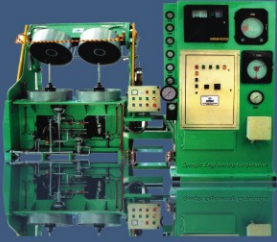


®

SPECIFIC
ENGINEERING CORPORATION



Specific Engineering Corporation Pvt Ltd



Tyre Curing Press



Bladder Press



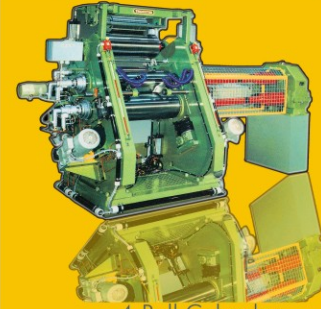
Hot Feed Extruder



Cold Feed Extruder with Temperature Controller Unit



Mixing Mills



4-Roll Calendar

Mixing Mills

Range of SEC Inner Tube Butyl Splicers

- SEC-20020
- SEC-50080
- SEC-750400

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SEC-20020 Butyl Inner Tube Splicer



SEC- 50080 Butyl Inner Tube Splicer



Technical Features

- 1 Man Machine Interface with 10 different program storage capacities for different sizes of tube reducing the product change-over time to virtually zero.
- 2 Auto Diagnostic fault detector screen with hooter arrangement reducing the machine down time.
- 3 Digital heat and speed controls and indication through PLC by Man Machine Interface in auto mode (and pot in manual mode for initial setting only).
- 4 Three speed knives control (creep/slow/fast) with synchronized three heats (medium/high/low).
- 5 The knives entry and exit speed heat can be controlled from 0 to 9.99 sec with heat and speed change-over adjustable within 1/100th of a second.
- 6 Man Machine Interface with display and print out.
- 7 24 hrs history for:
 - a) Break up of production with cycle change-over
 - b) Faulty/Diagnostic messages for : knife-drop / raise/ forward/ reverse, power pack oil temp high, pump on/off etc, butting-in/out, knife temp high/low than set value.
- 8 The hydraulic power pack is developed & assembled indigenously with imported pump, solenoid valves & proportional control valves of parker make(or equivalent to customer need can be provided)
- 9 The electronic and PCL system with Man Machine Interface is only of Allyn Bradely USA with service back up anywhere in India by Allyn Bradely USA or its franchise(or equivalent make to customer need can be provided).



Special Features

There is compatibility of spares holding through the SPECIFIC's splicer range. All Splicing Machines can be tailor made to a specific user requirement. The standard SPECIFIC's range of Innertube Splicing Machines joins butyl, natural rubber or natural rubber and SBR blends from bicycle to heavy off-the-road tubes.

The machines for the production of heat curing bags can be made to order. The machines have been designed to be simple and can be operated by unskilled labor.

Product Pictures



SEC 50080 Butyl Inner Tube Splicer
- side view



SEC - 50080 Butyl Inner Tube Splicer
- Back View



SEC 50080 Butyl Inner Tube Splicer
- front view



Inner Tube Butyl Splicers

Technical Data Sheet

MODEL	SEC-20020	SEC-50080	SEC-750400
Production Capacity	Twin tube /cycle	single tube/cycle	single tube / cycle
Max Tube Flat Width	180 mm	480 mm	725 mm
Min Tube Flat Width	20 mm	80 mm	400 mm
Suitability	For motorcycle tube	for motorcycle to truck tube	Truck tubes and OTR tubes
Tube Thickness Standard	1.5 mm to max 7mm	1.5 mm to max 7.00 mm	2.1 mm to max 7.00 mm
Tube Thickness special (on order only)	20 mm max	20 mm max	20 mm max
Min STD Unspliced Tube Length	840 mm	840 mm	1250 mm
Max STD Unspliced Tube Length	1700 mm max with special holder higher length possible.	2000 mm max with special holder higher length possible	2300 mm max with special holder higher length possible
Knife Movement- Horizontal - from front to back	Hydraulic proportional control	Hydraulic proportional control	Hydraulic proportional control
Knife Blade	High Chrome Alloy Steel	High Chrome Alloy Steel	High Chrome Alloy Steel
Knife Speeds - variable from 0- 2mts/min Creep, Medium Fast	3 speeds Entry creep Cut medium Exit Creep Reverse Fast	3 speeds Entry creep Cut medium Exit Creep Reverse Fast	3 speeds Entry creep Cut medium Exit Creep Reverse Fast
Knife Heats - variable from 40 degC to 400 deg C Low, Medium Fast	3 Heats Entry Medium Cut High Exit Medium Reverse Low	3 Heats Entry Medium Cut High Exit Medium Reverse Low	3 Heats Entry Medium Cut High Exit Medium Reverse Low
Machine Wdt / Dpt / Ht	1.6x1.6x1.9 M	1.6x1.6x1.9 M	2.1x1.7x2.3 M
Net Weight	2500 kgs	2500 kgs	5000 kgs
Tube per Cycle - Auto	2	1	1
Approximate machine cycle time	20-30 secs	20-40 secs	30-50 secs
Electrical Supply	6.5 Kw at 220/380/440 v 3 phase, 50/60 Hz (Voltage and frequency to suit customer requirements)		
Hydraulic Powerpack	Vickers / Yuken Make/ Parker complete with Motor Pump Solenoid Valves, Proportional control valve duly assembled with the machine.		





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