

SATCO®

3 SERIES, 3 ROLLER, MEDIUM CAPACITY PROCESSORS



With three chassis options **SATCO®** can offer nine different 3 Roller Processor configurations. Within those nine different models there are further options to customise and refine your **SATCO®** 3 Series Processor to suit your application even further.

Further options within all nine of the 'Basic Models' include:

- Hardwood rollers
- Alpine or thumbnail softwood rollers
- Floating top knife
- Fixed top knife
- Measuring
 - **SATCO®** Plus 1
 - DASA5 PRIO
 - DASA5 Optimising

Key features include:

- Twin tilt cylinders
- Diameter 8cm (3") drive arm pins for strength and long life
- Long life solenoids
- Rexroth valve rated at 420bar (6100psi) and 200lpm (52.8gpm) (US) continuous per section
- Reliable components
- All pine rollers used on 'heavy duty hubs' are all the same roller and reversible
- All pivot pins are retained using **SATCO®**'s '**DEAD LOCK**' pin retention system, a special clip system adding to the strength of chassis with no extra weight
- The ability to customise from the build options to suit your needs
- Large 30cm (12") diameter length measuring wheel

The Models:

Models	Topsaw	Knife Configuration	Roller Configuration	Main Saw
318	No	Standard	TMVW	3/4"
318T	404"	Standard	TMVW	3/4"
318TSC	404"	Standard	TMVW	404"
322	No	Standard	OMV/HD Hubs	3/4"
322T	404"	Standard	OMV/HD Hubs	3/4"
322TSC	404"	Standard	OMV/HD Hubs	404"
323	No	TRI KNIFE	MSII/OMV	3/4"
323T	404"	TRI KNIFE	MSII/OMV	3/4"
323TSC	404"	TRI KNIFE	MSII/OMV	404"



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3 SERIES, 3 ROLLER, MEDIUM CAPACITY PROCESSORS

18 - 23" Processing Head

- options to spec from 18"- 23" equivalent processors

Capacity:

Pine rollers with HD hubs/TMVW	7.5cm - 59cm	3" - 23"
Hardwood rollers with HD hubs	5cm - 59cm	2" - 23"
Rollers with 837cc/630cc motors	5cm - 59cm	2" - 23"

Close Minimum: (5cm) 7.5cm (2") 3"

Open Maximum: 69cm 27"

Max Feed Speed:

Motors	2x 837cc/2x 630cc	5.5m/s	18f/s
	4x 630cc	4.8m/s	16f/s

Max Feed Force:

Motors	2x 837cc/2x 630cc	42kn	9445lbf
	4x 630cc	40kn	9000lbf

Rotation: Heavy duty 340°,
SATCO® HOSE THROUGH CENTRE

Main Saw: 318, 318T, 322, 322T, 323, 323T
36" saw bar - 3/4" chain, max cut 73cm (29") (optional saw limiter)

318TSC, 322TSC
323TSC SC100 404

Top Saw - SC100: 26" bar - 404 chain, max cut 46cm (18")

Feed Rollers: Synchro drive x3

Delimiting Knives: 3 upper, - all moving
(**TRI KNIFE** option)

Measuring Wheel: 30cm diameter 12" diameter

Control Valve: Rexroth M4-15

Measuring:
- **SATCO®** Plus 1
- DASA5 PRIO
- DASA5 Optimising

Carrier Size: 18-29 tonne



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LOGGING ATTACHMENTS

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