

# SATCO®

## 3 SERIES, 3 ROLLER, MEDIUM CAPACITY PROCESSORS



With one chassis option **SATCO®** can offer four different 3 Roller Processor configurations. Within those four 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 four 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
- SC100 404" topsaw
- Find end
- Hardwood or softwood measuring wheel
- Colour marking

### Key features include:

- Twin tilt cylinders
- 360° continuous rotation
- 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 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
- Auto chain tensioner
- Standard safety chain shot zone lights

### The Models:

| Models | Topsaw SC100 | Knife Configuration | Roller Configuration | Main Saw Auto Saw Bar Tensioner |
|--------|--------------|---------------------|----------------------|---------------------------------|
| SAT318 | Optional     | Standard            | TMTHW/OMV            | 3/4" or 404                     |
| SAT323 | Optional     | <b>TRI KNIFE</b>    | MSII/OMV             | 3/4" or 404                     |



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| SAT323                    | SAT318 | Processing Heads  | 18" and 23"  |
|---------------------------|--------|---|--------------|
| <b>Close Minimum:</b>     |        | (5cm) 7.5cm   | (2") 3"      |
| <b>Open Maximum:</b>      |        | 80cm  | 31"          |
| <b>Max Feed Speed:</b>    |        | <b>"STANDARD"</b>   |              |
|                           | SAT323 | 5.5m/s  | 18f/s        |
|                           | SAT318 | 5.5m/s  | 18f/s        |
|                           |        | <b>"OPTIONAL"</b>   |              |
|                           | SAT318 | 7.2m/s  | 23f/s        |
| <b>Max Feed Force:</b>    |        | SAT323 42kn   | 9445lbf      |
|                           |        | SAT318 40kn   | 9000lbf      |
| <b>Rotation:</b>          |        | 360° continuous rotation, heavy duty hydraulic centre joint system.                       |              |
| <b>Main Saw:</b>          |        | <b>"STANDARD"</b>   |              |
|                           |        | Saw limiter<br>Auto chain tensioning<br>40" saw bar<br>3/4" chain<br>Max cut - 78cm (31") |              |
|                           |        | <b>OPTIONAL</b>   |              |
|                           |        | 404 or 3/4" chain<br>36" saw bar<br>Max cut - 64cm (25")                                  |              |
| <b>Top Saw - SC100:</b>   |        | 26" bar - 404 chain, max cut 46cm (18")   |              |
| <b>Feed Rollers:</b>      |        | Synchro drive x3  |              |
| <b>Delimiting Knives:</b> |        | 3 upper, - all moving<br><b>(TRI KNIFE option)</b>  |              |
| <b>Measuring Wheel:</b>   |        | 30cm diameter   | 12" diameter |
| <b>Control Valve:</b>     |        | Rexroth M4-15   |              |
| <b>Measuring:</b>         |        | - SATCO® Plus 1<br>- DASA5 PRIO<br>- DASA5 Optimising                                     |              |
| <b>Carrier Size:</b>      |        | 18-29 tonne   |              |
| <b>Weight:</b>            |        | SAT323 2750kg   | 6050lb       |
|                           |        | SAT318 2650kg   | 5830lb       |

