

SATCO®

SAT640 FELLING HEAD (FIXED FELLING HEAD)



SATCO® has attachments extensively servicing New Zealand, Australia, The United States, Brazil, Chile, Asia, Africa and Canada

The **SATCO®** 640 fixed felling head is a large capacity fixed felling head with 2 sets of jaws that can be independently operated or at the same time as each other. The wrist that the **SATCO®** 640 is mounted off has 360 degree continuous rotation. This wrist can be connected directly to any Excavator bucket C linkage.

The **SATCO®** 640 saw unit is supported by a large 30 cm (12") diameter slew bearing making it a very robust unit especially when felling. The saw utilizes a heavy duty **SATCO®** auto chain tensioning system with a 50" bar and 3/4" chain. **SATCO®** also use a unique locking system for the saw sprocket to prevent broken drive shaft keys and damaged saw motor shafts. The saw bar has a unique 270 degree rotation making a front cut easy to perform without having to reposition the base machine from felling position.

The wrist is mounted to a large diameter slew ring specially designed for this application. There is a purpose built rotate motor used to drive the slew with an override holding relief built into to motor. There is also a float option which can be easily engaged when shoveling or loading.

Weighing in at 3700 KG (8175 LBS) and requiring 200 LPM (52.8 gpm) (US) at 280 Bar (4000 psi) this felling head does not require much from the matched 29-45 tonne base machine it is connected to.

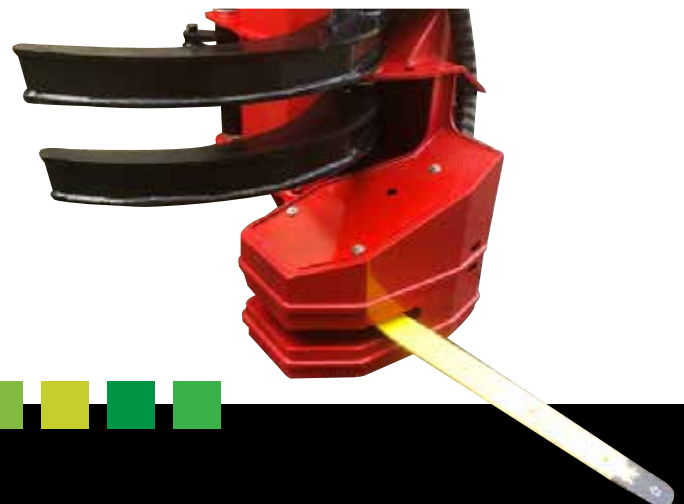
The **SATCO®** 640 advantage over a dangle type felling head is where there is an application for controlled felling. The **SATCO®** 640 can also be used to shovel, load

a truck and has an advantage on steep slope to assist in support of base machine. The **SATCO®** 640 is also useful for sweeping the skid site of forming a track on a steep hill side.

Constructed using high grade materials and manufactured using the best robotic welding wire for a superior weld.

Key features include:

- 8 cm (3') pins for strength and long life
- Extra "dead length" in cylinders for superior seal life
- Oil impregnated bushes for less wear
- Well protected hoses and valves with easy access for service
- Bar release valve for saw chain replacement or tensioning
- Removable covers for easy servicing
- 360 continuous rotation
- Heavy duty saw and swing arm
- **SATCO®** Auto tensioning
- Saw bar out light
- 2 sets of independent jaws



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LOGGING ATTACHMENTS

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SAT640 40" FELLING HEAD



Weight:	3700kg	8175lbs
Capacity:	12.5 - 104cm	5 - 40"
Close Minimum:	12cm	5"
Open Maximum:	128cm	50"
Rotation:	Heavy duty continuous 31KN-M torque	
Saw: (Auto chain tensioning)	Heavy duty 50" saw bar - 3/4" chain, max cut 104cm (40") 45cc Rexroth motor	
Carrier Size:	29 - 40 tonne	

The **SATCO** 640 Felling Head is a versatile saw head, its resume includes:

- Fall and bunch for ground based crews
- Fall and bunch for a swing yarder grapple
- Windblown sites - safe for handling fallen or (hung up) stems
- Truck loading
- Woodlots
- Sorting and stacking stems
- Steep slope tethering
- Controlled felling of trees



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