

# FALCON CLAW<sup>1250</sup> & <sup>1580</sup>

INFORMATION AND  
SPECIFICATIONS









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# FALCON CLAW 1250 & 1580

The Falcon Claw is the logging industry's most widely used Motorised Grapple Carriage and significantly reduces Health & Safety risks to crew members whilst increasing the efficiency of the log extraction process.

- Fully remote carriage with a hydraulically operated bunching grapple.
- High quality camera transmitting a live video feed to the Yarder operator.
- Weighing 1250 kg with an operating distance up to 1000 metres.
- Fast cycle times.
- Maximum payload of up to 6 tonnes.
- Significantly reduces damage to logs and the environment.



## FEATURES

### Full Operator Control

The remotely operated hydraulic grapple and rotator unit gives the operator full control over the grapple functions. This allows the operator to efficiently grapple the stems, shortening the cycle time and increasing the amount of stems that can be pulled per hour.

#### Control functions:

- Engine start-stop.
- Grapple - open, close, rotate clockwise and anticlockwise.

### Large Payloads

Depending on the grapple size, the Falcon Claw has a maximum payload of between 6-8 tonnes. The design of the grapple allows operators to easily extract multiple stems at the same time.

- **Standard Grapple:** Nominal Payload 3-4 tonnes, maximum payload 6 tonnes.
- **Large Grapple:** Nominal Payload 4-5 tonnes, maximum payload 8 tonnes.



## FALCON CLAW 1580

In areas with large peice size the Falcon Claw 1250 can be fitted with a large heavy duty grapple (extra 330kgs in weight taking the total weight to 1580kgs). The larger grapple has a maximum opening of 2000mm and increases the payload to between 6-8 tonnes.

100% Waterproof  
Triple O-Ring Sealed

Anodized Solid  
Aluminium Housing

Auto Shading Lens and  
Auto Infrared



Voltage

Distance in Metres

Altitude in Metres

GPS Coordinates



### All Weather Operation

The Falcon Claw is designed to be operated in a wide range of weather conditions and temperatures. The high quality waterproof camera has infrared for low light and poor visibility operation. An inbuilt light enables the operator to work at any time day or night.

### Real Time Operation

The 19 inch monitor provides the operator with the visibility and information they need to operate efficiently. The screen displays in real time distance from the Yarder (top left), altitude (right), battery voltage (top right) and GPS coordinates (bottom left).



# SPECIFICATIONS

Operating Weight	1250kg (1580kg with larger grapple)
Grapple Weight	Standard Grapple: 550kg Large Grapple: 880kg
Grapple Max Opening Width	Standard Grapple: 1640mm Large Grapple: 2000mm
Grapple Rotation	360 Continuous
Hose Protection	Hoses routed internally
Grapple Hanger	Double hinge point and swing brakes
Engine	Kohler KD425-2 Air Cooled Diesel
Hydraulic System	Aluminium Tandem 2 Stage High/Low Flow Pump

**LED FLOOD LIGHTS**

**INFRARED CAMERA**

**EASY ACCESS PANELS  
FOR MAINTENANCE**

**HIGH STRENGTH  
BISALLOY FRAME**

**ANTI SWING BRAKES**

**PURPOSE-BUILT  
BUNCHING GRAPPLE**







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