

# VOLVO

**Customer:**

J &amp; M Log Handling

**Equipment:**

 EW170 Excavator &  
L120/150 Wheel Loaders

**Application:**

Forestry

**Dealer:**

CJD Equipment QLD



**Left** The fleet of Volvo wheel loaders handle all movements of logs, chip and bark products at the mills.

## VOLVOS AT HOME IN THE FOREST

**“We bought our first Volvo wheel loader eleven years ago and have purchased a further ten throughout the years. We have stuck with Volvo because they are the most suitable brand for logging operations,” explained Stan O’Farrell, Foreman, Mills Operations for J&M Log Handling.**

J&M Log Handling is based in the South East Queensland town of Gympie. It commenced operation in 1989, when it was contracted by Laminex to unload log trucks and stack timber. Today it employs 22 staff and handles all the material handling requirements for the three major timber mills in the Gympie region.

“We handle every log movement from transporting it out of the forest to the movement of logs, chips and bark product between all processes at the mills. The three mills we contract to only have to worry about their milling processes, we assume responsibility for the rest,” said Mr O’Farrell.


**VOLVO**
**Volvo Construction  
Equipment**



**“Probably the most impressive aspect of the Volvo is their reliability!”**

Stan O’Farrell, Foreman, Mills Operations, J&M

**Above & Right** The Volvo wheel loaders are working 24hrs/day, 7 days/week at the above Gympie based mill.

“Material handling is our whole business so having the right equipment to move timber products is the key to how effective and efficient we can be.

“We have previously owned other brand wheel loaders, but they just didn’t handle this application as well as the Volvo. The main difference is the geometry of the loader arms using a TP linkage rather than Z-arm. The Volvo has a better breakout force and the design of the TP-linkage allows the bucket or grapple to remain in position as you raise the arm, whereas on the other brands, you start to lose some load as you extend,” added Mr O’Farrell.

Volvo’s patented TP linkage design also enables the operator to have greater control throughout the loading and unloading cycle due to its ability to roll back a fully loaded grapple of logs. It positions a load’s centre of gravity near the front axle, increasing stability and control. This, in conjunction with simultaneous control of the various movement functions, results in precision handling.



**Below Centre** Volvo’s linkage design enables the operator to have greater control while unloading due to its ability to roll back a fully loaded grapple of logs.

“Probably the most impressive aspect of the Volvos is their reliability. Our contracts with the mills have very strict conditions with regards to downtime, so it can cost us greatly when a wheel loader is out of action. When you consider that, at one mill, the wheel loaders are working 24hrs/day, 7days/week, while at the others they are working 18hrs/day, the little downtime we have experienced is amazing.

“When we have experienced any problems, the support from CJD Equipment has been excellent. They have a great attitude to customer service and really understand the impact of downtime,” added Mr O’Farrell.

**Below** Stan O’Farrell, Foreman, Mills Operations.



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## Log Handling



“It is twelve months since our purchase and we could not be happier with our decision. Its performance and reliability have far exceeded our expectations. Since delivery it has been working ten hours a day for six days a week and at this stage we have not experienced one hour of downtime, which amazes me because it is not like our work is an easy application,” said Mr MacKellar.

**Above** Comfort with the Volvo brand influenced J&M Log Handling's decision to acquire a new Volvo excavator for its forestry work.

The Volvo EW170 excavator, fitted with an Ensign grapple, is used in the forest to load roundwood logs onto J&M's trucks for transport to the mills.

“Our operators are impressed with both the productivity and manoeuvrability of the EW170. As our excavator travels up to 20km a day, we opted for the wheeled version over the standard tracks. The wheels offer excellent travel speed and great mobility without losing any productivity.

“With trucks lined up, waiting to be loaded, these productivity factors can make a significant difference to the efficiency of our operation,” explained Mr MacKellar.

**Below** David Mackellar, Foreman, Logging Operations.

In addition to the 11 Volvo wheel loaders, J&M Log Handling has recently purchased a Volvo excavator for its logging activities.

Commenting on the purchase of the Volvo excavator, Foreman, Logging Operations for J&M Log Handling, Mr David Mackellar explained that comfort with the Volvo brand was a major influence behind the decision.

“We knew that if Volvo were prepared to put its name to the product then it must be okay. We were fully aware that Volvo purchased Samsung and have made significant changes to the design, and obviously introduced its own quality systems into the production process.



**“Our operators are impressed with both the productivity and manoeuvrability of the EW170!”**

David Mackellar, Foreman, Logging Operations, J&M Handling



**Above** J&M Log Handling Directors John & Marlene Belling.



**Left** The Volvo excavator is fitted with wheels, which provide excellent travel speed and mobility, without affecting productivity.

Volvo excavators achieve excellent lifting and travel performance through the use of a high torque engine and its ability to drive the hydraulic system so that both high pressure and flow are achieved. The EW170 is powered by a Cummins low emission diesel engine, which has a rated output of 107kilowatts (143hp).

**Volvo offers a comprehensive range of construction equipment including wheel loaders, excavators, articulated haulers, motor graders and compact earthmoving equipment.**



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