

Job Report

Crawler Tractor

PR 764

Litronic®

Woodchip application

at Tembec,
Tartas (FRA)



LIEBHERR



The PR 764 is equipped with a rear counterweight.



Uphill-pushing with fully loaded blade.

Situation

Tembec is a listed company that manufactures woodchip, paper and pulp products. Its head office is located in Montreal, Canada and it has a production subsidiary in Tartas, South West France. The group employs a total of 3,400 people and achieves annual sales of US\$1.5 billion. The Tartas site employs a workforce of almost 300 people in the manufacture of cellulose, producing 150,000 tonnes annually. The cellulose serves as a primary product and is exported in rolls for further processing to 170 customers worldwide.

Task

The raw material for cellulose is woodchip. Trees from the surrounding region provide the source for this raw material. Logs are always delivered by truck and are chopped into chips on site by Tembec. The material is then stored in an open-air location on the company premises. This work requires the services of a crawler dozer, which distributes the woodchips evenly and pushes the material onto a conveyor belt that takes it into the production facility. On a daily basis, this vehicle

is involved in moving 2,200 tonnes of material (more than 9,100 yd³). It works on a one-shift basis, six days a week. As the existing fleet of vehicles at Tembec is now getting very old, an invitation to tender for the purchase of a new crawler dozer was issued.

Solution

The customer decided in favour of the woodchip-handling version of the PR 764 crawler tractor. With its large blade and a host of detailed solutions on the basic unit, for example special-purpose seals and a semi-automatic fire suppression system, it not only satisfies the specified operating need but also complies with the stringent safety standards that are a priority for Tembec. Liebherr was able to meet the challenging expectations of this customer and to fulfil a number of requests including additional side-mounted LED headlights and a catwalk with handrail extending right around the back of the vehicle. Drivers are particularly delighted with the fast response and manoeuvrability of the PR 764, the result of its ease of operation. Peak fuel consumption averages 45 litres per hour - a great figure in this class of vehicle.

Technical Data

Engine	Liebherr D 9508 A7
Engine output according to ISO 9249	310 kW / 422 HP
Operating weight	52,000 kg / 114,640 lb
Blade capacity	47.4 m ³ / 62 yd ³

Equipment

Woodchip U-blade
Counterweight
Base machine in woodchip configuration
Bogie suspension undercarriage with 760 mm / 30" track pads
Catwalk with handrail
Semi-automatic fire suppression system

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