SKIDDERS



Forest Tract has recently entered the forestry market with its skidder range, which to the naked eye looked impressively powerful and



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durable on the stand at Intreforst 2014. We were assured that the finer points of the machines' manufacturing were prioritised equally and the company provided information on some of the central components behind its forestry machines. All Forest Tract units are fitted with John Deere Tier IV engines with capacities between 150-250 hp.

Hydraulic transmission

By choosing Poclain Hydraulics to expand its transmission, Forest Tract chose reliability and innovation. Indeed, all Forest Tract skidders include a FHS transmission 4 wheel independent drive.

The shaft drive wheels are motorised by a hydraulic circuit comprising a hydraulic independent variable volume pump and integrated directly into the wheel hydraulic motor.

"This unique mode of transmission greatly improves the ability of our machines, guaranteeing optimal traction and flexibility," Forest Tract said.

Central oscillation

The central oscillation is governed by two hydraulic cylinders with 15° of angle variance. It allows Forest Tract skidders to accommodate soil stresses in the rolling phase. Once stationary, cylinders automatically stop, which stiffens the two frames together. Working with tools (crane and winch) therefore becomes more efficient and more secure.

The direction is controlled by an articulating frame, while two steering cylinders allow a steering angle of 43°.

Fixed plate crane

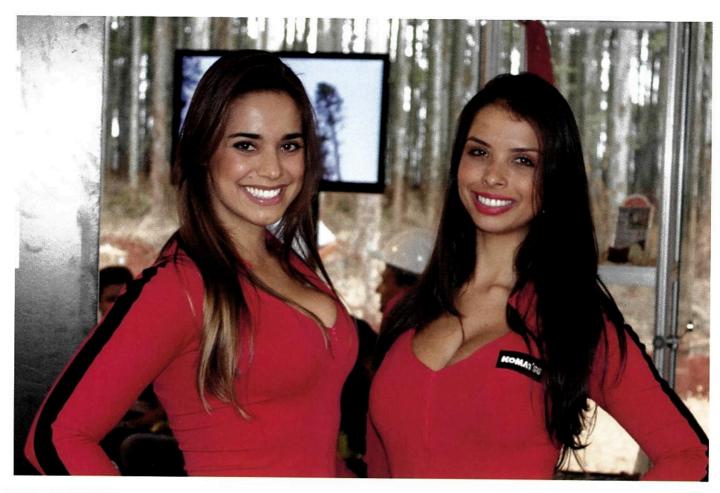
Forest Tract crane life is equal to that of the skidding unit itself and the company encourages foresters to skid with the crane without concerning themselves with breakage.

The crane varies from 20° on its entire rotation (240°), allowing for a comfortable working environment in difficult mountainous terrain. The crane rotates 240° to "maximise range increasing your returns". The Forest Tract crane has a 10 m range, at which distance its lifting capacity is 2.5 t.

Forest Tract skidders are also customisable with numerous variations available for both the front and rear chassis.

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