



ROTTNE BLONDIN 750

MODEL 600

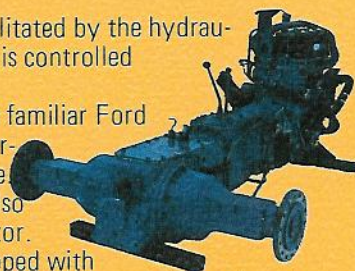
The Rottne Blondin combines the advantages of a lightweight machine with the capacity of a large one. The Model 600 has 600 x 34/14 Steel-Belt tyres on the tractor unit as standard. This is a tyre developed specially to meet forestry requirements, with a strong, open pattern which enables the vehicle to be used for much of the year without anti-skid devices. Damage to the ground is thus minimized.

The load-carrier is fitted with 600 x 26.5/16 Steel-Belt tyres giving good capacity and traction.

Perfect weight distribution is facilitated by the hydraulically operated front gate. The gate is controlled from the cab.

The Rottne Blondin incorporates familiar Ford components, with a four-cylinder turbocharged engine as its power source. This is the well-tried engine which also features in the Ford 7700 farm tractor.

The Rottne Blondin is now equipped with rear axles of a new type which can withstand considerably heavier loading than previously. These are the axles used in the Ford A62 loader.



Mobility

The Rottne Blondin has six-wheel drive. The drive on the bogie wheels of the load carrier gives no resistance at road transports and eliminates strain on the transmission when cornering.

The hydraulic torque converter makes for good off-the-road mobility. The six gears forward and reverse mean that the correct power ratio is always available.

Economy

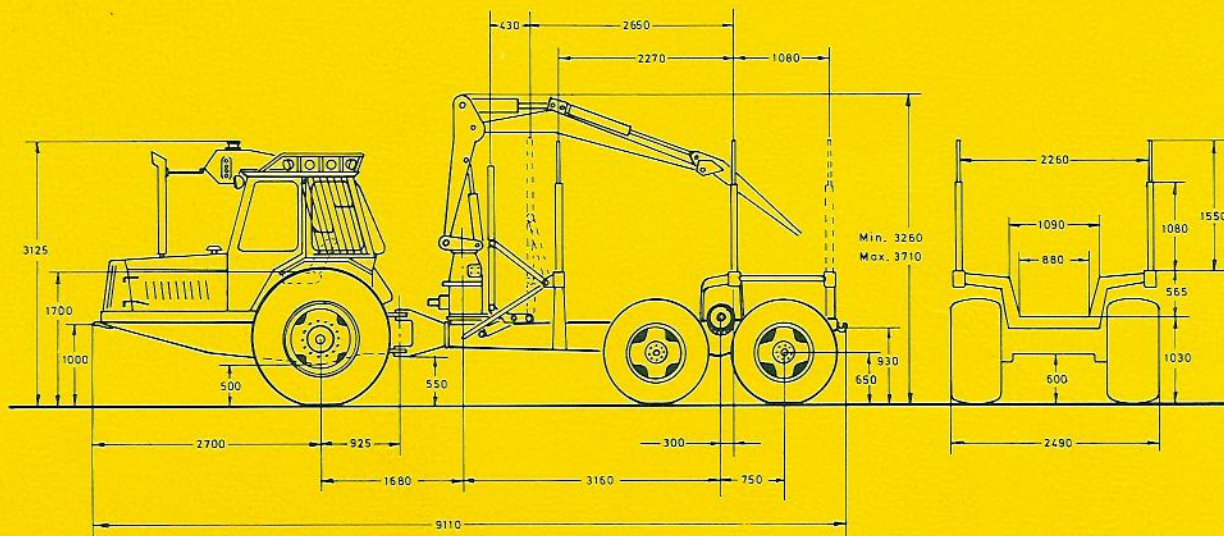
The Rottne Blondin is known for its low running costs. Its ease of servicing and utilization of Ford's nation-wide service network keep repair costs and downtime to a minimum.

These are the features behind the success of the Rottne Blondin in the Swedish forests.



FORD IN THE FORESTS

ROTTNE BLONDIN 750



MODEL 600

WEIGHT

(Standard version with loader and filled tanks but without driver)

Weight in working order, kg	9,950 (21,890 lb)
Loading capacity on road, kg	10,000 (22,000 lb)
Loading capacity off road, kg	10,000 (22,000 lb)
Axle load at stated off-road loading, Front, kg	7,750 (17,050 lb)
Rear bogie pressure, kg	12,200 (26,840 lb)

ENGINE

Ford 7600 Diesel with turbo	
Number of cylinders	4
Cylinder volume	4.2 l
Max. power at 2,100 r.p.m.	93 h.p. DIN 68 kW
Max. torque at 1,600 r.p.m.	37 kpm 361 Nm (266 lbf ft)
Fuel tank, volume	90 l (23 3/4 U.S. gals)

GEARBOX

Coupling — torque converter	Brockhouse 11F
Number of gears, forward	6
Number of gears, reverse	6

TRANSMISSION

Front axle	Mechanical Ford, type A62
Ratio of angle gear	5.28:1
Final drive, type	Planetary
Ratio of final drive	4.5:1
Differential blocking	Foot-operated, mechanical
Rear bogie	Twin Disc
Ratio of angle gear	7.2:1
Final drive, type	Drive roll
Differential blocking	No-spin (automatic)

BRAKES

Running brake	Compressed-air, wet disc brakes on the tractor unit, compressed-air drum brakes on the load carrier
Parking brakes	Spring brake acting on the tractor unit

STEERING

Orbitrol and direct steering	
Steering angle	45°
Steering torque	3100 kpm (22,400 lbf ft)

WHEELS

Front axle	600 x 34/14 Steel Belt
Rear bogie	600 x 26.5/16 Steel Belt

HYDRAULIC SYSTEM

Pump	Vickers 25 VQ
Capacity	82 l/min (21 1/2 U.S. gals/min) at 1,500 r.p.m.
Max. system pressure	135 kp/cm ² 13.2 MPa (1,920 lbf ft/sq in)
Control valves, make, type	Monsun-Tison
Oil cleaner, type	Finn-filter
Tank capacity, approx.	150 l (39 1/2 gals)

ELECTRICAL SYSTEM

Voltage	12 V
Battery capacity	128 Ah
Generator, type	A.C.
Generator, output	136 Amp (46 Amp + 90 Amp)
Starter motor	5 h.p., 3.68 kW
Lights, number, location	2 forward, 10 on roof, 2 on loading crane

LOADING CRANE

Loading crane, make, type	Rottne Grip 70 with folding crane tower
Lifting capacity	3600 kpm (26,000 lbf ft)
Total outreach	5.3 m (17'3")
Net torque	950 kpm (6,870 lbf ft)
Turning angle	390°
Rotator	300°
Grapple area	0.35 m ² (3.76 sq ft)

OTHER STANDARD EQUIPMENT

Safety cab with flat deck, heater, defroster, parallel-acting windscreen, wipers front and rear, radio, ashtray, cigarette lighter, waste paper bin, coat hanger, fire extinguisher, pedal accelerator "forward" and "reverse", hydraulically adjustable folding front gate, chain, iron bar, axe.

EXTRA EQUIPMENT

Breakdown winch, skidding winch, anti-skid device, device for recording vehicle activity, engine heater, air conditioning, ventilator, hydraulic extension, sprinkler, bulldozer blade, 2-lever loader control, 17.5 x 25 wheels and tracks on load carrier.

Manufacturer: AB Börjes Mekaniska, Rottne

Prices, specifications and equipment subject to alteration.



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