

# GRADERS.

**F140 | F170 | F200**

Direct drive powershift transmission | Two axle systems | Front axle articulation | 90° Vertical blade | Moldboard teeth on outside | Moldboard 'rollaway' action | Enhanced load sensing system | Ergonomically designed cab | Operator comfort | Enhanced rear vision | Easy maintenance and service



Model	F140	F170	F200
Operating weight	13535 Kg	16700 Kg	17900 Kg
Transmission	Direct drive / Powershift	Direct drive / Powershift	Direct drive / Powershift
Power	140 HP / 104 kW	170 HP / 127 kW	200 HP / 149 kW
Engine (make)	Cummins	Cummins	Cummins

**EOSTRA**  
HOLDINGS LIMITED



**BUILT AROUND YOU**

# SPECIFICATIONS

Model	F140	F170	F200
<b>Engine</b>			
Net Power	104 kW	127 kW	149 kW
Torque (max net)	620 Nm	860 Nm	870 Nm
Engine (make)	Cummins	Cummins	Cummins
Displacement	5.9 litres	8.3 litres	8.3 litres
Cylinders	6	6	6
Bore & Stroke	102 x 120 mm	114 x 135 mm	114 x 135 mm
<b>Transmission</b>			
Type	Direct drive, Powershift	Direct drive, Powershift	Direct drive, Powershift
Gears	8 forward / 4 reverse	8 forward / 4 reverse	8 forward / 4 reverse
Travel Speed (max)	42.9 km/h	42.9 km/h	43.0 km/h
<b>Electrical System</b>			
Number of batteries	2 - 24 V	2 - 24 V	2 - 24 V
<b>Steering</b>			
Minimum turning radius	7.3 m	7.3 m	7.3 m
Wheel turn angle	48° left or right	48° left or right	48° left or right
Frame Articulation Angle	25°	25°	25°
<b>Tyres</b>			
Tyres	17.5 x 25 (12 PR)	17.5 x 25 (12 PR)	17.5 x 25 (12 PR) / 20.5 x 25 (12 PR)
<b>Fluid Capacities</b>			
Fuel Tank	340 litres	340 litres	340 litres
<b>Brakes</b>			
Brakes	Multiple wet disc	Multiple wet disc	Multiple wet disc
<b>Hydraulic system</b>			
Max Flow	192 litres/min	186 litres/min	186 litres/min
Max Pressure	179 bar	179 bar	179 bar
<b>Weights</b>			
Operating Weight	13535 Kg	16700 Kg	17900 Kg
<b>Blade</b>			
Standard size	3658 x 622 x 22 mm	4267 x 671 x 22 mm	4267 x 671 x 22 mm
Max raise height from ground	444 mm	444 mm	445 mm
Max slope angle from side to side	90°	90°	90°
Side shift left	533 mm	533 mm	533 mm
Side shift right	686 mm	686 mm	686 mm
Blade pressure	6635 Kg	7606 Kg	9135 Kg
<b>Dimensions</b>			
Transport length w/o attachment	8.289 m	8.521 m	8.555 m
Transport length with attachment	9.55 m	9.7 m	9.735 m
Wheel base	2.134 m	2.134 m	2.134 m
Transport height	3.340 m	3.340 m	3.340 m

13 PRODUCT FAMILIES • 80 BASE MODELS • OVER 600 CONFIGURATIONS

## BRANCHES:

Bloemfontein | Cape Town | Durban | Johannesburg | Nelspruit | Port Elizabeth | Polokwane | Rustenburg



Finance and insurance options available on request.

FINANCE

National: 011 977 8300 | Customer Service: 0861 NEWHSA | Website: [www.nhconstruction.co.za](http://www.nhconstruction.co.za)

