



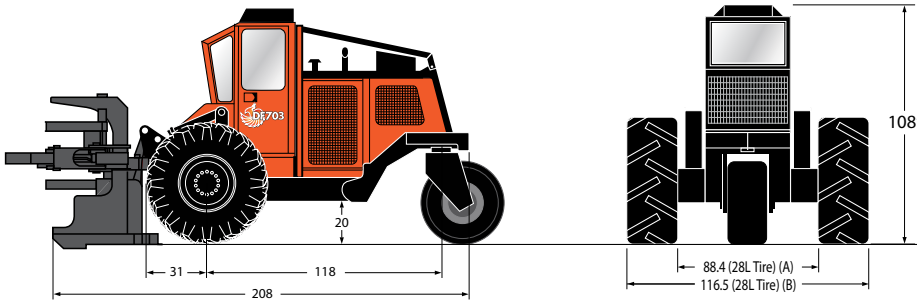
# DF703

## Phoenix



DelFab Inc.





### DF703 Overall Widths (in.)

Tire	O.A. Width (A)	Track Width (B)
23.1 Outside	113.2	90.1
23.1 Inside	119.0	95.9
28L Outside	116.5	88.4
34 Inside	131.2	97.2
Tires removed:	113.7" (2.89 m)	

### Weights, Axle Loads, Ground Pressures (W/28L x 26 Tires)

Service Weight		
Front Axle :	16100 LBS	( 7303 kg )
Rear Axle :	3100 LBS	( 1406 kg )
Total :	19200 LBS	( 8709 kg )

Ground Pressure		
Front Axle :	8.88 PSI	( 61.2 kPa )
Rear Axle :	6.53 PSI	( 45.0 kPa )

### Wheels & Tires

Front : ( Variant )	23.1 x 26 - 10 ply Firestone FS
	28L x 26 - 12 ply Firestone FS
Rear :	21.5L x 16 - 14 ply Firestone

### Engine

Type:	Cummins QSB4.5 4 Cyl Water Cooled Diesel
Power:	130 HP @ 2500 rpm (97 kW)
Torque:	459 lb-ft @ 1500rpm(622Nm)
Fuel Capacity:	34 gal. (129L)
Cooling:	8 fpi straight fin, in-line tube type radiator.
Miscellaneous:	Dry type air cleaner w/safety element & restriction gauge micro-adjust hand throttle & electric shutdown solenoid.

### Transmission

Pump Drive:	Spur gear double pump drive with optional disconnect.
Drive Pumps:	Variable displacement closed circuit hydrostatic. (one pump/drive wheel)
Drive motors:	Fixed Displacement plug-in type hydrostatic motor.(one motor/wheel drive)
Wheel Drive:	GFT8150 L&S two stage planetary reduction with integral disc type parking brake

**Steering:** Independent foot pedal actuated proportional hydraulic control of wheel speed and direction for each front wheel. Both systems self centering to zero speed and neutral. Rear wheel is a self-aligning castoring type.

**Chassis:** Heavy duty welded steel chassis with integral hydraulic reservoir.

**Braking System:** Dynamic braking inherent in the closed circuit hydrostatic drive system. Static (parking) brake is spring applied/hydraulic pressure released type with release pressure supplied from the charge system for the closed hydrostatic circuit.

### Hydraulic System:

**Saw Pump:** Variable displacement pressure and flow compensated axial piston pump.

Flow (max.):	20 gpm (76 lpm)
Pressure (max.):	3000 psi (207 bar)

**Implement Pump:** Variable displacement pressure and flow compensated axial piston pump.

Flow (max.):	33 gpm (125 lpm)
Pressure (max.):	3000 psi (207 bar)

**Charge/Control Pump:** Fixed displacement gear pump.

Flow (max.):	21 gpm (80 lpm)
Pressure (max.):	380 psi (26 bar)

**Control Valves:** Hydraulically actuated using joystick controls and electric over hydraulic valves.

**Filtration:** Full flow suction filtration on all oil entering implement pumps. Full flow pressure filtration on all oil leaving charge/control pressure pump.

**Oil Cooler:** Two pass fin & tube type cooler mounted side by side with the radiator.

**Fill System:** Vane type hand pump connected in series with spin-on type filter.

### Electrical System:

Voltage:	12 VDC
Batteries:	Two 12 VDC, 715 CCA, group 31 lead/calcium batteries, each with 160 minutes reserve at 25 amp discharge rate.
Alternator:	12 VDC, 105 amp
Wiring:	Braided nylon harnesses. Circuits protected by circuit breakers and fuses.

### Cab:

Welded steel structure designed to meet SAE J1040 (ROPS), SAE J1184 (OPS) and SAE J231 (FOPS) standards

**Seat:** Complete with integral joystick mounts. Seat features adjustments for suspension preload,

fore & aft position, back angle, height, and lumbar support.

**Seat belt:** 3" wide nylon with tethers. Designed to meet standard: SAE J386 (ORS)

**Climate Control:** A/C standard. A/C w/heater optional.

**Windows:** 1/2" Thick Polycarbonate all windows. Top window has an additional layer of 1/8" polycarbonate over the 1/2" for scratch protection.

**Instrumentation:** Cluster equipped with fuel level gauge, engine oil pressure gauge, hydraulic oil temperature gauge, and voltmeter. Additional instruments include a tachometer, engine coolant temperature gauge, and hourmeter.

Audible and Visual warning is provided for restricted suction filter, restricted charge filter, high coolant temperature, low engine oil pressure, and electrical charge system malfunction.

### Saw Attachment:

Type:	DelFab DF718 Accumulating Disc Saw, 18 in. (381mm)
Weight:	Approximately 3100 lbs. (1406 kg)

### Options:

Disc saw head group. DelFab DF718 Shear head group (DF703)  
Saw to shear conversion hydraulic kit  
Machine uptime parts kit  
Fire suppression  
Water tank  
Counterweight  
Digital media player/port  
Cab paint color: Orange, Green, Yellow, Red  
Head paint color: Yellow, Red, Black

Products and illustrations shown may not be standard. Specifications describe equipment which is either standard or optional. Stated ratings are based on standard equipment. Specifications and design are subject to change without notice.