

FRANKLIN 170 S2 Grapple Skidder



FRANKLIN EQUIPMENT COMPANY
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FRANKLIN 170 S2 GRAPPLE SKIDDER

ENGINE:

Manufacturer.....Cummins
 Model/Cyls.....6BTA 5.9 /6 cyls.
 Max HP-Std.....174 @ 2500 RPM

POWER TRAIN:

Transmission.....Franklin P4-385, 4 Speed Powershift
 Torque Converter.....13.7" (330 mm) Dry
 Axles.....Franklin F-257; Planetary, heavy duty
 Differentials.....Lock-in Lock-out fr/no-spin rr
 Brakes, Service.....Enclosed, multi-disc, wet brake
 Brakes, Parking.....Spring applied, Hydraulic release

TIRES:

Standard24.5x32 16 Ply LS2 Steel Reinforced
 Optional.....67/34x26, 28Lx26
 (For Special Tire Applications, Consult Factory)

WEIGHT: Approximate

With Standard Equipment.....26,500 Lbs.

STANDARD EQUIPMENT

Two-Stage Dry Air Cleaner w/Air Cap
 12-Volt Electrical System
 Electrical Disconnect Switch w/Reminder Light
 Franklin Gauge and Alarm Package
 Cab Fan , Lights, Front Wiper
 Fire Extinguisher
 Audio/Visual Warning System
 AM/FM CD Stereo
 Sliding Windows in Doors
 Floor Mat
 Suspension Seat With Belts
 Fixed Seat at 35° Angle w/Side Mounted Console
 Lexan Front and Rear Windshields
 Shock Mounted Engine & Radiator
 All Weather Cab Enclosure with AC & Heat
 Full Belly Pans & Hinged Bomb Bay Doors
 Hydraulic Dozer Blade w/Sealed Pivot Pin Bushings
 Full Steering Wheel w/Adjustable Tilt/Telescopic Column
 Power Assist Brakes
 Transmission Bump Shift
 Single Lever Hydraulic Joystick Grapple Controls
 Tapered Roller Bearing Center Section
 50-Gallon Fuel Tank – Side Mounted
 Grapple Boom Pivot Pins w/Sealed Carriers
 90" Sorting Grapple (8Sq Ft) on M31A Grapple

HYDRAULIC SYSTEM:

Pressure Compensating
 Hydraulic Quick Steering
 Total System Flow.....48 GPM @ 2500 RPM
 Steering Flow28 GPM @ 2500 RPM
 Blade & Winch Flow.....24 GPM @ 2500 RPM
 Grapple Total Flow.....48 GPM @ 2500 RPM
 Hydraulic Reservoir Capacity (Side Mounted).....50 GALS
 Filtration.....10 Micron return line by-pass filter and suction strainer

TRAVEL SPEEDS: (mph) (Powershift)

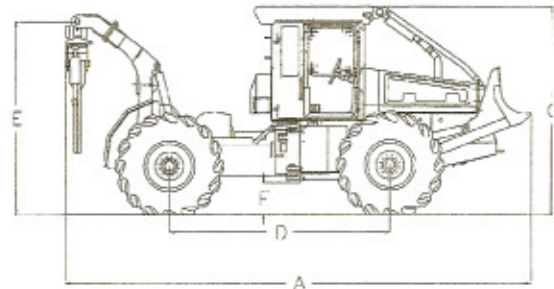
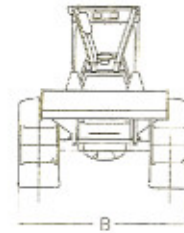
	1 st	2 nd	3 rd	4 th
Forward	0-2.7	0-4.3	0-7.0	0-11.5
Reverse	0-3.7	0-5.6		

OPERATIONAL:

Frame Articulation Angle.....± 42 degrees
 Frame Oscillation Angle.....± 20 degrees

OPTIONS:

Transmission Declutch
 No-Spin Front Axle
 103" Bunching Grapple (9 Sq Ft)



Tires	A	B	C	D	E	F
28L x 26	275.9	119.3	123.5	130.5	114.6	18.8
24.5 x 32	275.9	112.1	126.5	130.5	117.6	21.7



ALL SPECIFICATIONS ARE SUBJECT TO CHANGE
 For more information, See your local Franklin Dealer or Write
 Franklin Equipment Company, Post Office Box 697, Franklin,
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