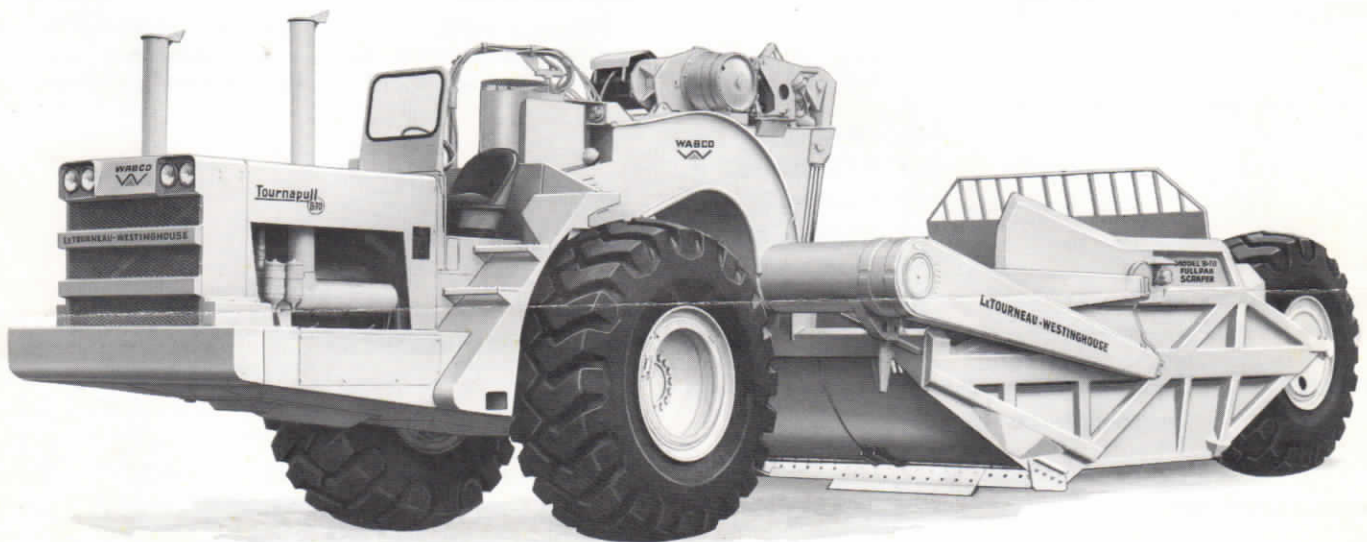


# TOURNAPULL® - SCRAPER

MODEL

# B-70



475 HP • 25 Yds. Struck (19,12 m<sup>3</sup>)  
• 32 Yds. Heaped (24,47 m<sup>3</sup>)



**LeTOURNEAU-WESTINGHOUSE COMPANY**

Peoria, Illinois, U.S.A. • A Subsidiary of Westinghouse Air Brake Co.

# B-70 TOURNAPULL with B-70 FULLPAK SCRAPER SPECIFICATIONS

Specifications are subject to change without notice or obligation.

## TOURNAPULL

<b>ENGINE</b> (Diesel)	<b>GM 12V-71N</b>
Number of Cylinders	12
Operating Cycle	2 Stroke
Maximum Brake Horsepower	475 HP @ 2100 RPM
HP rated at	Sea level @ 60° F. (15,5° C)
Maximum Torque	1,300 ft. lb. @ 1400 RPM
Bore	4 $\frac{1}{4}$ in. (108 mm)
Stroke	5 in. (127 mm)
Displacement	851.2 cu. in. (13,95 liters)

**CONVERTER** ..... LW 18" Converter with Lock-up

**TRANSMISSION** ..... Power-Shift, Constant-Mesh

### SPEED in MPH and (Kilometers per Hour)

Forward, 1st	4.0	(6,44 km/hr)
2nd	8.0	(12,87 km/hr)
3rd	15.9	(25,59 km/hr)
4th	31.9	(51,34 km/hr)
Reverse, 1st	4.4	(7,08 km/hr)
2nd	8.8	(14,16 km/hr)

**DIFFERENTIAL** ..... LeTourneau-Westinghouse Power-transfer, automatic friction type, no-slip differential

### SERVICE CAPACITIES

	Gallons	Liters
	(U.S. Standard)	
Cooling System	34	(129)
Crankcase, with Filter	35 Qts.	(33)
Fuel Tank	160	(606)
Final Drive (Main Case)	70	(265)
Transmission	16	(61)
Converter	15	(57)

## SCRAPER

### CAPACITY

Cubic yards, Struck	25	(19,12 m <sup>3</sup> )
Heaped	32	(24,47 m <sup>3</sup> )
Tons	37	(33,57 m. tons)

### SCRAPER OPERATING DATA

Apron opening	8' 0"	(2,44 m)
Depth of cut, maximum	Unlimited	
Depth of spread, maximum	28"	(71 cm)

Type of ejection	Forward, positive
Cutting edge, length (three-piece)	10' 0" (3,05 m)
Center section	1 $\frac{1}{8}$ " x 16" x 60" (28,6 mm x 406 mm x 1524 mm)
Each end section	1" x 13" x 30" (25 mm x 330 mm x 762 mm)

**CONTROLS** ..... Apron and bowl controlled by air over electric system with single electric motor. Tailgate controlled by individual electric motor.

### CABLE SPECIFICATIONS

Apron	$\frac{3}{4}$ " x 32'	(19 mm x 9.750 m)
Body Hoist	$\frac{5}{8}$ " x 95'	(16 mm x 28.956 m)
Tailgate, forward	$\frac{5}{8}$ " x 72'	(16 mm x 21.946 m)
Tailgate, reverse	$\frac{5}{8}$ " x 72'	(16 mm x 21.946 m)
Type recommended:	LeTourneau-Westinghouse preformed wire rope, 6 x 19 filler wire, improved plow steel, right lang lay, I.W.R.C.	

## GENERAL

### OVERALL MEASUREMENTS

Length	46' 1"	(14,05 m)
Width	11' 8"	(3,56 m)
Height	12' 7 $\frac{1}{2}$ "	(3,84 m)
Wheelbase	28' 7"	(8,71 m)
Gauge, center to center tires, Tournapull	8' 0"	(2,44 m)
Gauge, center to center tires, Scraper	8' 0"	(2,44 m)
Ground clearance, Tournapull	24 $\frac{1}{2}$ "	(62 cm)
Ground clearance, Scraper	17"	(43 cm)

### TIRES

Standard ..... 27.00-33, 30 ply rating, Rock Service

**STEERING** ..... Positive power steer, electric control  
Maximum turning angle ..... 90° left and right  
Width required for 180° turn ..... 39' 5" (12,01 m)

**BRAKES** ..... Shoe type on all four wheels  
Hydraulic Retarder ..... Standard with Power-shift transmission

### WEIGHTS

Shipping weight, approximate	71,700 lbs.	(32,523 kg)
Distribution	Empty	Loaded
Drive axle	68%	54%
Rear axle	32%	46%

## B-70 TOURNAPULL WITH B-70 FULLPAK SCRAPER

### STANDARD EQUIPMENT

Mufflers, rain caps, adjustable seat, two dry type air cleaners, headlights, hand throttle, air horn, apron and scraper quick drop, hourmeter-tachometer and hydraulic retarder.

defroster, suspension type seat, fender extension, windshield mounted rearview mirror, tow hooks, tire inflation kit, seat belt—safety type, and cold weather starting aid.

### OPTIONAL ACCESSORIES

Cab, cab heater, windshield, windshield wiper, windshield

### INTERCHANGEABLE TRAILING UNITS

Rear Dump and Crane.

