



FWD WAGNER W4 TRACTOR  
with  
HANCOCK  
8E2 ELEVATING SCRAPER



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## MORE YARDS PER HOUR WITH FOUR WHEEL DRIVE

Here's a perfectly matched team, the FWD WAGNER, W4 Tractor and 8E2 Hancock Elevating Scraper. Fully flexible four-wheel drive traction and the hydraulically driven scraper really increase production when the going gets tough.

**NO PTO CONNECTION**—Drive line difficulties don't exist because the scraper elevator is driven by a hydraulic motor. The possibility of damage to the elevator from rocks or other foreign bodies is greatly reduced by the relief valves of the hydraulic system. Since the elevator can actually be reversed it is seldom

necessary to leave the tractor to discharge a rock or stump.

**BETTER WEIGHT DISTRIBUTION**—Note the over-hang of the engine of the W4 which results in a static ratio of  $\frac{2}{3}$  of the weight on the front axle and  $\frac{1}{3}$  on the rear. With weight transferred from the scraper the wheel loading of the tractor begins to equalize for maximum traction.

**VERSATILITY**—Hitched together tractor and scraper become an integral earth-moving unit. Remove the scraper and you have a heavy duty tractor ready to tackle any draw-bar job.

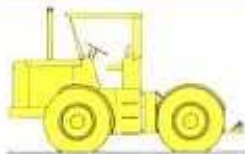
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## SPECIFICATIONS\*

### FWD WAGNER MODEL W-4

#### DIMENSIONS

Height, without cab	85 1/2"
Height, with cab	108"
Width, overall	88 1/2"
Length, overall	186 1/4"
Wheelbase	90"
Track	62"



#### TRANSMISSION SPEEDS 2500 R.P.M.

##### FULLER R-46

Gear	M.P.H.	Gear	M.P.H.
1	1.7	6	10.0
2	2.5	7	14.1
3	3.6	8	19.3
4	5.1	R1	1.8
5	7.0	R2	6.6

#### ENGINE

Make	G.M. Diesel 4-53 (2-cycle)
Number cylinders	4
Bore and stroke	3 7/8" x 4 1/2"
Displacement	212.3 cu. in.
Maximum horsepower at RPM	125 @ 2500
Electric system	12 volts
Fuel tank capacity	45 gal.
Cooling system capacity	23 qts.

#### POWER TRAIN

Maximum torque foot pounds	274 @ 1800
Clutch, single plate	14"
Planetary drive	4-wheel
Power divider—chain type	FWD Wagner
Axles (drive)	planetary
Axles (driving)	4 wheels
Axle oscillation	15"
Chassis	steel

#### HYDRAULIC SYSTEM

Implement control pump capacity	16 G.P.M. @ 2500
Steering independent center hinge	

#### WEIGHTS

Standard equipment—approximate	10,000 lbs.
With hydroflated tires, approximate	add 3,000 lbs.

#### TIRES

18.4 x 26—10-ply with tread options

#### BRAKES

(4-wheel) hydraulic

#### ACCESSORIES

##### STD.

Lights, 2 front, 1 rear • Full width fenders • Hour meter • muffler

##### OPT.

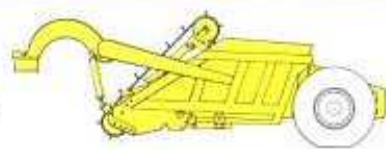
Cab w/top insulation, blower fan and dome light • Heater & Defroster • Top spot light • Cab rear view mirror • Cigarette Lighter

\*Design and specifications subject to change without notice.

### HANCOCK 8E2 ELEVATING SCRAPER

#### CAPACITY

Cubic Yards . . . . .8



#### DIMENSIONS

Length (Tractor & Scraper)	35' 0"
Length (Scraper—Hitch to Push Block)	23' 9"
Width (Scraper)	8' 0"
Height (Scraper—Blade Up)	8' 6"
Height (Scraper—Blade on Ground)	7' 11"
Wheel Base (Tractor)	7' 6"
Wheel Base (Rear Tractor Wheel to Scraper Wheel)	18' 0"
Width Required for 180° Turn	28' 0"

#### GROUND CLEARANCE (Transport Position)

Bowl	1' 1"
Rear Axle	1' 8"

#### STATIC WEIGHT DISTRIBUTION

	Front Tractor Tires Percentage/Load	Rear Tractor Tires Percentage/Load	Scraper Tires Percentage/Load
Empty	32%	31%	37%
Loaded:	23%	28%	49%
Tractor Weight (Approximate)			10,000 lbs.
Scraper Weight (Approximate)			17,000 lbs.

#### EJECTION

Operation	Positive
Control	2—4"x18" Hydraulic Remote Cylinders (Interchangeable)

Method . . . Combination Sliding Bowl Pan & Ejector Endgate

#### SCRAPER TIRES

Road Grader	18.00-26 10-Ply (Std.)
Earthmover Sure-Grip	18.00-25 12-Ply (Opt.)
Wide Base Earthmover Sure-Grip	23.5-25 12-Ply (Opt.)

#### BRAKES

Air-Expanding Shoe Type	16 1/2"x7"
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#### ELEVATOR

Width	4' 8"
Length	9' 0"
Number of Flights	14
Number of Teeth on Drive Sprocket	16
Sprocket RPM at 2500 Engine RPM	72
Power Source	Hydraulic Driven Gear Reduction (Reversible)

#### CUTTING BLADE

Method of Control	2—4"x18" Hydraulic Remote Cylinders (Interchangeable)
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Blade—4-piece, 1"x12"  
 2—15" Interchangeable & Reversible Blades  
 2—30" Interchangeable & Reversible Drop Center Blades

Effective width of cut (outside to outside of router blade) . . . . .8'-0"

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Your Nearest Dealer



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