



COMPETITIVE DATA

THIS MATERIAL IS REPRODUCED FOR THE SOLE PURPOSE OF ENABLING PROSPECTIVE PURCHASERS TO MAKE COMPARISONS BETWEEN GALION'S PRODUCTS AND THOSE OF COMPETITIVE MANUFACTURER. THE GALION IRON WORKS & MFG. COMPANY MAKES NO REPRESENTATION AS TO THE ACCURACY OR CURRENT STATUS OF THIS MATERIAL.

NUMBER AD-2886R1

EFFECTIVE DATE 6-71

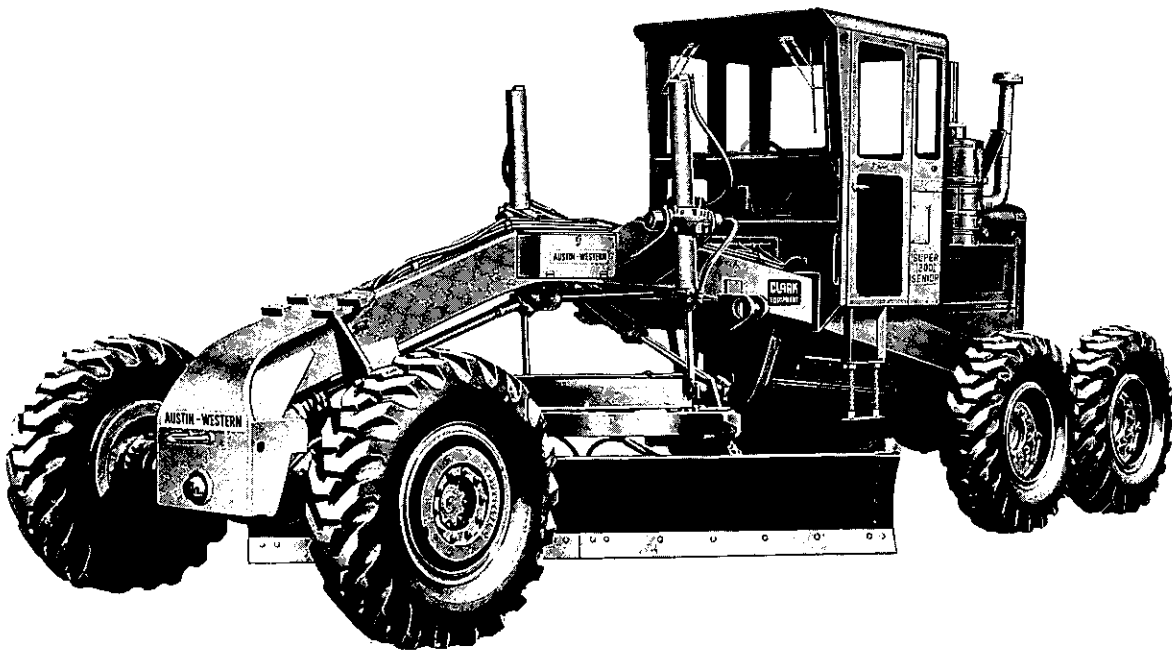
REPLACES AD-2886

FILE IN SECTION B

2/3/72

THE GALION IRON WORKS & MFG. COMPANY division of Jeffrey Galron Inc. Galion, Ohio 44833, U.S.A.

AUSTIN-WESTERN Super 200 Sr. Power Grader



AUSTIN-WESTERN
DIVISION



CLARK EQUIPMENT COMPANY
Aurora, Illinois 60507

SIX-WHEEL DRIVE
•
SIX-WHEEL STEER
•
ALL HYDRAULIC OPERATION
•
FULL BLADE CONTROL

Austin-Western Super 200 Senior Power Grader Specifications

STANDARD EQUIPMENT—All-wheel drive and steer; power sideshift blade, hydraulic controls throughout; power tiller bar steering included. Diesel engine with electric starting, 30 amp alternator, dipstick fuel gauge, 12-foot (3658 mm) blade, hydraulic brakes and 13.00x24-10 ply tubeless tires. Gauges; ammeter, water temperature, oil pressure.

WEIGHT (APPROX.)

GM 3-71 FRICTION CLUTCH & GM 3-71 TORQUE CONVERTER

	GM 3-71 Friction Clutch	GM 3-71 Torque Converter
Total weight	23,200 (10 524 kg)	23,300 (10 569 kg)
Weight on front axle	9,425 (4275 kg)	9,450 (4287 kg)
Weight on rear axle	13,775 (6248 kg)	13,950 (6328 kg)
Blade pressure	16,456 (7464 kg)	16,500 (7484 kg)
Scarifier pressure	10,518 (4771 kg)	11,680 (5289 kg)
Blade pull	13,920 (6314 kg)	13,980 (6341 kg)

CUMMINS C464C OIL CLUTCH & CUMMINS C464C FRICTION CLUTCH

	Cummins C464C Oil Clutch	Cummins C464C Friction Clutch
Total weight	23,500 (10 660 kg)	23,350 (10 592 kg)
Weight on front axle	9,450 (4287 kg)	9,425 (4275 kg)
Weight on rear axle	14,050 (6373 kg)	13,925 (6316 kg)
Blade pressure	16,500 (7484 kg)	16,456 (7464 kg)
Scarifier pressure	11,680 (5298 kg)	10,518 (4771 kg)
Blade pull	14,100 (6396 kg)	14,010 (6355 kg)

Blade Pull is based on a coefficient of friction of .6 on dirt.

DIMENSIONS

Length—overall	25'-3" (7696 mm)
Width—overall	8'-0" (2438 mm)
Height—with cab	10'-4 ³ / ₄ " (3169 mm)
Height—without cab	9'-9 ¹ / ₈ " (2975 mm)
Wheelbase	19'-0" (5791 mm)
Turning radius	36'-5" (11 100 mm)

BLADE

Dimensions	12'x24"x3 ¹ / ₄ " (3658x610x19 mm)
Cut below ground	19 ³ / ₄ " (502 mm)
Lift above ground	14" (356 mm)
Blade base	97 ¹ / ₄ " (2470 mm)
Total side shift	77 ¹ / ₄ " (1962 mm)
Maximum blade reach beyond tire	95 ⁵ / ₈ " (2435 mm)
High lift	Up to 90°
Lift speed (inches per second)	5.2 (132 mm)

Shim adjusted ball sockets on blade lift cylinder.

CIRCLE

Diameter	5'-2" (1575 mm)
Circle side shift	21 ¹ / ₄ " (540 mm)
Circle section	5"x5"x1 ³ / ₈ " (127x127x35 mm)
Lock	Hand operated—electric
Rotation	360°

DRAWBAR

Type	"A" form welded 3 ⁵ / ₈ "x6 ¹ / ₈ "x1 ¹ / ₂ " (92x156x13 mm)
Average weight per foot (m)	21.1 lbs. (9.6 kg)
Draft connection	5" (127 mm) ball and socket—shim adjustment

FRAME

Size and shape	10" (254 mm) ship channel boxed
Average weight per foot (m) of total frame	177.7 lbs. (80.6 kg)

FRONT AXLE

Type—power driven, full floating double reduction with differential	
Oscillation	15° each way
Steering range	25° each way
Drive and steering knuckles	Cardan type

REAR AXLE

Type—power driven, full floating, double reduction, no differential	
Steering range	15° each way
Type steering	5th wheel

HYDRAULIC DATA

Pump	Vane type
Capacity	15 G.P.M. (57 liters P.M.)

CONTROLS

Type	Full Hydraulic with Positive Hydraulic Blade Locks
------	--

ENGINES

	GM 3-71	GM 3-71 M	Cummins (*) C-464-C
No. of cylinder	3	3	6
Bore and stroke	4.25x5 (108x127 mm)	4.25x5 (108x127 mm)	4 ¹ / ₈ x5 (105x127 mm)
Piston displacement	212.8 cu. in. (3.5 liters)	212.8 cu. in. (3.5 liters)	464 cu. in. (7.6 liters)
Cycle	2	2	4
Governed speed	2200	2200	2200
H.P. at gov. speed (sea level 60°)	108	118	128
Cooling system (gals.) w/heater	7 ¹ / ₄ (27 liters)	7 ¹ / ₄ (27 liters)	8 ¹ / ₂ (32 liters)
Electric system	12V	12V	12V
Fuel tank cap. (Gals.)	43 (163 liters)	43 (163 liters)	43 (163 liters)

SPEED IN M.P.H. (and KILOMETERS/HR.)

1	2.76 (4.44 km/hr)	4	8.57 (13.79 km/hr)
2	4.48 (7.21 km/hr)	5	13.94 (22.43 km/hr)
3	6.55 (10.54 km/hr)	6	22.00 (35.40 km/hr)
Low reverse			3.86 (6.21 km/hr)
High reverse			11.99 (19.29 km/hr)

TORQUE CONVERTER

Make	Allison
Torque multiplication	2.5 to 1

OIL CLUTCH

Size	13 ¹ / ₂ " (343 mm)
Plates	3
Oil pump, filter and reservoirs are an independent system.	

BRAKES

Foot operated service brake (14"x2³/₄") (356x70 mm) hydraulic expanding, and hand operating mechanical expanding parking brake. Brake assembly mounted on transfer case away from mud and water encountered in off-the-road operation to brake both front and rear propeller shafts and thus effectively brake front and rear wheels.

STEERING

Type	Hydraulic Power with Tiller Bar
------	---------------------------------

ATTACHMENTS

Scarifier (V type)	"V" type snow plow
Bulldozer	Reversible snow plow
Power tilt blade	Snow wing
Cab	

OPTIONAL ITEMS

Blade ext. 1 ft. (305 mm)	Heater
Blade ext. 2 ft. (610 mm)	Hoodsides
Brake-auxiliary	Hourmeter
Defroster	Lights
Drawbar-rear	Orbitrol power steer
Floating blade	Radiator shutters-automatic
Fuel gauge	Tire pump

(*) Standard equipped with Dry Type Air Cleaner, 55 Amp Extra Heavy Duty Alternator.

WARRANTY

In accordance with our established policy of constantly improving our products, we reserve the right to change or modify our products or our product specifications at any time without notice. THE ONLY WARRANTY APPLICABLE TO OUR PRODUCTS IS OUR STANDARD WRITTEN WARRANTY WHICH WARRANTY IS IN LIEU OF ALL OTHER WARRANTIES, EXPRESS OR IMPLIED. No person is authorized to change or otherwise modify this warranty, a copy of which is available upon request.