ATTACHMENTS

CHAMPION® MOTOR GRADERS C-Series

CHAMPION

C-Series ATTACHMENTS

...INCREASING YOUR GRADER'S UTILIZATION AND VERSATILITY

Windrow Eliminator

Ideal for gravel road maintenance, the windrow eliminator increases productivity by reducing the number of passes. Eliminates the windrow created when grading, therefore reducing the time spent to flag the work zone. Slope control of windrow eliminator allows proper crowning for drainage. Optionally available is a hydraulically positioned slope control system, allowing the operator to make adjustments on the go.

Specifications:

Hydraulically raised and lowered via two double-acting cylinders with quick-detach feature.
Moldboard – 10' x 9-3/4" x 1/2" (3 048 mm x 248 mm x 13 mm) curved with 5' x 6" x 1/2" (1 524 mm x 152 mm x 13 mm) standard grader edges.
Trailing wheels – 16" (406 mm) dia. tube type mounted on swivels to prevent tire scuffing.
Weight – 1450 lbs. (541 kg).
Manual adjustment for slope control.
Adjustments – 24" (610 mm) laterally.
Angle – 45° right or left. At 35° the blade is within machine width.
Requires relocation of fuel tank.

Rotary Broom

Speeds clean-up of intersections, job sites and roadways after pulling ditches. Variety of mounting possibilities: directly to frame, to dozer blade or to front end loader, with or without quick couplers. Available in different widths and broom materials. **Consult factory for details.**

Specifications:

Broom length	6' (1 829 mm)
Broom diameter	32" (813 mm)
Broom material	choice of polypropylene, crimped wire or half poly/half wire combination bristles
Angle change	30° either side manually (hydraulic angle option available)

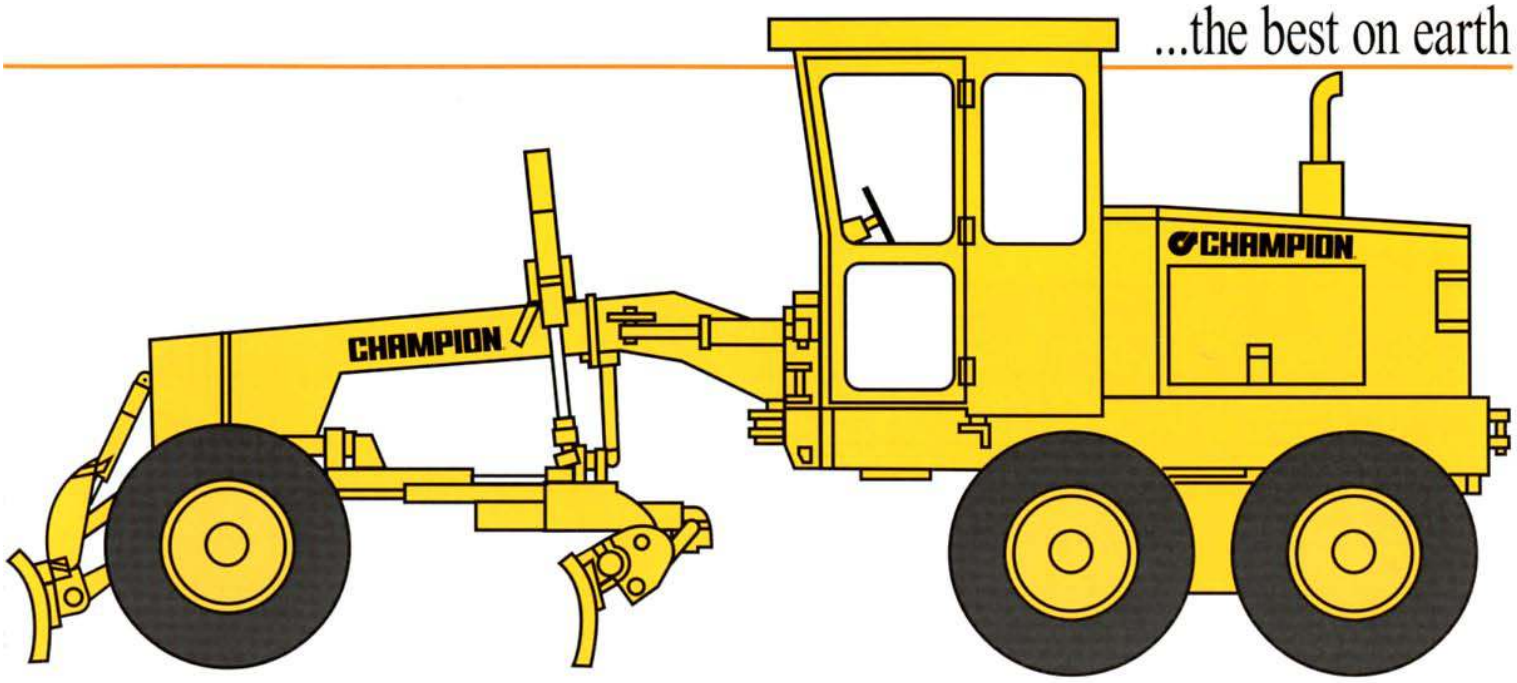
Increase in overall machine weight – 950 lbs. (431 kg)

Front End Loader

A 1/2 cu. yard (0.38 m³) utility front end loader which can load tandem trucks, is ideal for clean-up of trash and loose materials around the job site. It speeds production by eliminating handwork. Backfilling behind curbs and against walls is fast and easy. An optional, quick-detach feature allows you to remove the loader in less than 45 minutes.

Specifications:

Height of bucket at full dump	9'6" (2 896 mm)
Height of boom arm at full lift	10'3" (3 124 mm)
Increase in length full raised	3'6" (991 mm)
Increase in length bucket on ground	4'4" (1 321 mm)
Bucket overall width	7'0" (2 134 mm)



Side Dozer

Replaces standard moldboard. Can be interchanged in 1 hour. Positioned (angled and tilted) via the grader's moldboard hydraulic controls. Removes built-up gravel under highway guide rails to restore drainage. Operates in both directions to either retrieve or displace material. Can also be used to clean shallow culverts and ditches of silt and debris.

Specifications:

Width	48" (1 219 mm)
Height	11" (279 mm)
Reach	99" (2 515 mm)
	(Depending upon model)
Weight	1025 lbs. (383 kg)

Moldboard hydraulic tilt is recommended.
Specify push or retrieve type dozer blade.

Rear-mount Heavy Duty Scarifier

Ideal for use in loosening hard packed aggregate surfaces. Mounted solidly to the full rear frame. Positioned by two 3" double-acting hydraulic cylinders. Design allows single tooth scarifying.

Specifications:

Width of cut	38" (965 mm)
Depth of cut	12" (305 mm)
Ground clearance	17" (432 mm)
	with std. tires on C80A
Increase in overall length	12" (305 mm)
Number of shanks	Up to 6
Shank size	3/4" x 3" x 17"
	(19 mm x 76 mm x 432 mm)
	overall with replaceable tips

Requires relocation of fuel tank.

Other Attachments

Front-mounted Dozer Blade/Scarifier:
Assists in knocking down dump piles and allows back-blading from curbs, increasing productivity by reducing handwork. Bolts to the frame for easy installation and removal. Features a standard grader cutting edge. Four swing-down shanks for light scarifying operations. Shanks release automatically when reversing without raising blade. **Consult C-Series model specification sheets for more details.**

Automatic Blade Controls:
All C-Series graders can be fitted with automatic blade controls for fine grading applications. Various degrees of automation can be selected (laser, sonic or slope control only) to suit your requirements. **Consult factory for details.**

Asphalt Grinders:
Asphalt grinders 12" to 24" (305 mm to 610 mm) in width can be fitted to the grader, doubling the grader's versatility with asphalt contractors. The grinder can be easily removed when not required. **Consult factory for details.**

CHAMPION C-Series ATTACHMENTS

...the best on earth

Availability

MODEL / ATTACHMENT	C50A	C60A	C66A	C70A	C76A	C80A	C86A
Windrow Eliminator		√	√	√	√	√	√
Rotary Broom		√	√	√	√	√	√
Front End Loader		√	√	√	√	√	√
Side Dozer	√	√	√	√	√	√	√
Rear Scarifier		√	√	√	√	√	√
Dozer/Scarifier	√	√	√	√	√	√**	√**
Auto Blade Controls	√	√	√	√	√	√	√
Asphalt Grinder				√		√	

**Standard equipment on these models.

C-Series Graders

MODEL	WEIGHT		POWER		FRAME	REAR DRIVE TYPE	ALL WHEEL DRIVE
	lbs.	kg	hp	kW			
C50A	9,420	4 273	*76	*55	Articulated	Tandem	
C60A	11,250	5 100	*76	*55	Articulated	Single Axle	
C66A	11,800	5 352	*76	*55	Articulated	Single Axle	Yes
C70A	13,050	5 919	*76	*55	Articulated	Tandem	
C76A	13,600	6 169	100	75	Articulated	Tandem	Yes
C80A	15,320	6 949	*76	*55	Articulated	Tandem	
C86A	15,870	7 205	100	75	Articulated	Tandem	Yes

*An optional 100 HP (75 kW) engine is available on all C-Series models.

CHAMPION ROAD MACHINERY

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Specifications subject to change without notice.
Items shown in this brochure may be optional.

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