

SharpGrade GF110 (2.80m / 110")

SharpGrade G109 (2.77m / 109")

SharpGrade G105 (2.67m / 105")

PRECISION GRADER BLADES FOR MEDIUM FRAME SKID STEER & COMPACT TRACK LOADERS

The world's widest range of precision grader blades with hydraulic side wings

www.sharpgrade.com



SharpGrade G105

SHARPGRAD[®]
Setting the Grade



Pivoting rear blade to precision grade in reverse



Hydraulic wings control material in both directions

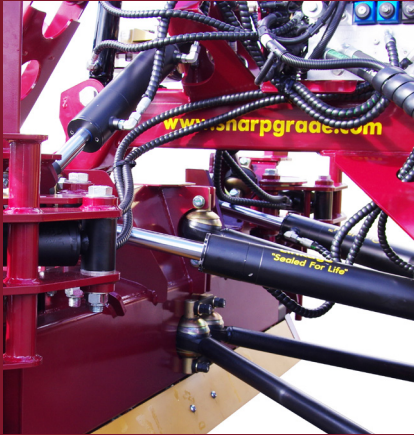


Hydraulic retracting front wheel assembly (G109)

SPECIFICATIONS

	G105	G109	GF110
Blade Width with Side Wings open	105' / 2.67m	109' / 2.77m	110' / 2.80m
Blade Width Articulated & Wings closed	62' / 1.58m	66' / 1.68m	74.8' / 1.90m
Blade Angle	+/- 30°	+/- 30°	+/- 30°
Blade Tilt	+/- 10°	+/- 10°	+/- 10°
Side Wing Angle	120° total	120° total	110° total
Weight	2,270 lb / 1,032 kg	2,700 lb / 1,228 kg	2,180 lb / 988 kg
Horsepower Range	65 - 75hp (9,500 lb / 4,300 kg)	65 - 90hp (9,500 lb / 4,300 kg)	65 - 90hp (9,500 lb / 4,300 kg)
Maximum Hydraulic Pressure	3,625psi / 250 Bar	3,625psi / 250 Bar	3,625psi / 250 Bar
Min / Max Flow Rate	12-40 GPM / 48-160 l/min	12-40 GPM / 48-160 l/min	12-30 GPM / 48-114 l/min
Front Retract	Manual	Hydraulic	N/A - Fixed
Underslung Walking Beam	Standard	Standard	Standard
Adjustable Hitch Plate	Standard	Standard	Standard
Tires	Twin 18" x 7" / 468mm x 180mm	Twin 20.5" x 8" / 520mm x 200mm	Twin 18" x 7" / 468mm x 180mm
QuadGrade 2D Laser Control Package	Optional	Optional	Optional
3D GPS or TPS Machine Control	Optional	Optional	Optional
3D Machine Control Compatible	Yes	Yes	Yes

* Due to our commitment to continuous improvement specifications are subject to change without notice.



No grease - All linkages are sealed for life



Why choose SharpGrade!

- Pivoting rear blade for precision grading in reverse
- No circle drive to grease or shim
- Accurate grading made easy - level to within 1/8" (3mm)
- Sealed, shielded and lifetime lubricated bearings throughout - never requires greasing
- Patented QuadRod 3 linkage - keeps blade parallel throughout movement to maintain equal height between front & rear blade, and side wings parallel
- Retracting front chassis (G105 / G109) for road legal transport. Fit sideways across the deck of a truck or trailer, grade within 11" of foundations
- No centre pivot - 3 times faster to grade than conventional designs, no duck walking
- Adjustable Hitch plate - sets chassis level on lower stops for repeatable precision grading
- Underslung walking beam - reduces wheel scuff in turns
- Outboard mounted cylinders eliminate cross coupling
- Robust, narrow boxed chassis for unsurpassed visibility
- Angle cylinders are mounted above the material - for longevity
- Tungsten armoured side wings
- Hydraulic side wings control material
- Warranty period (12 months) includes commercial and rental usage
- Warranty period (24 months) for linkages



SharpGrade G105

SharpGrade G109

SharpGrade GF110

Durable, accurate, productive grading everytime

Turn Your Skid Steer Into a Precision Grading Machine

Unlock the power of big-machine performance with the agility of your skid steer or compact track loader. Effortlessly achieve perfectly level surfaces, forward or in reverse, while maximizing the maneuverability and control of a compact track loader.

SharpGrade blades come with patented sealed, shielded and lifetime lubricated QuadRod linkages, adjustable hitch plate, pivoting rear blade, underslung walking beam, a manual retracting front chassis on the G105, hydraulic retracting on the G109, and a fixed front on the GF110 for high performance grading at a lower price point.

Built for hard work these blades are suited to **medium frame machines in the 65-90HP bracket**, ideal for medium stone and aggregate work, arenas, large flat work, road grading, curb & sidewalk prep, subdivisions etc. For optimum performance combine your SharpGrade grader blade with QuadGrade 2D, or specify a 3D ready kit to suit your preferred machine control system.



Compatible with SimulGrade - operate your blade like a 6 way dozer blade



Adjustable height hitch plate



Accurately level to within 1/8" (3mm)



Grade forwards and backwards for maximum productivity



QuadRod linkage joints are sealed, shielded, lifetime lubricated, and maintenance free



Zero cross coupling design most rigid and accurate in class



Hydraulic side wings control material, maneuver around service pipes and obstacles



Compatible with all popular 3D machine control systems



QuadGrade Pro / Power Pro wireless 2D options



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SharpGrade operates with a deep-rooted commitment to environmental responsibility. Since our inception our entire operation has embraced a zero-waste philosophy, and we continue to push the boundaries of what's possible in sustainable manufacturing.

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