

Johnson Mfg., Inc.



EIGHT MODELS TO CHOOSE FROM:

• 800	• 1000
• 1200	• 1200RS
• 1400	• 1400RS
• 1600	• 1600RS

**WHETHER THE JOB IS BIG OR SMALL,
THERE'S A HYGRADE GRADER TO DO IT ALL!**

HyGrade Pull Type Graders

HyGrade Graders are a quick and economical way to clean and maintain waterways, rebuild ponds, build roads, dig irrigation ditches, fill in washouts, level building sites, clean feedlots, grade roads, remove snow, level field edges, build and maintain terraces and many other jobs with your farm tractor.

**The HyGrade Design with the Farmer in Mind
Models 1200, 1200RS, 1400, 1400RS, 1600, 1600RS**

All hydraulic cylinders, hoses and tips are included

Dual hydraulic cylinders for blade angle are standard on each model

All hydraulic cylinders have nitro steel shafts

Blade angle hydraulic relief valve standard on each model

Available in 12', 14', and 16' blade lengths

Blade angles 45 degrees left and right

Blade tilts 15 degrees left and right for slope cuts

Cement weight, weight box and box scraper ends are standard with each model

Replaceable high carbon steel cutting edge

High moldboards allow for maximum dirt transfer

Excellent blade to ground clearance

Storable hitch jack

Safety chain is included



Model 1400 shown.

ALL HYDRAULIC CYLINDERS ON HYGRADE GRADERS HAVE NITRO STEEL SHAFTS
NITRO STEEL SHAFTS WILL WITHSTAND EXPOSURE TO THE ELEMENTS
MUCH LONGER THAN CHROME WITHOUT RUSTING.

Model 1400 shown with Blade tilted 15° for ditching and slope cutting.



12, 14, and 16 foot graders come standard with a blade tilt indicator

MODELS 1200, 1400, AND 1600 REQUIRE 3 HYDRAULIC REMOTES

Specifications

MODEL	1200	1400	1600	
Blade	Length	12'	14'	16'
	Angle	45°	45°	45°
	Height	30"	30"	30"
	Tilt	15°	15°	15°
	Blade To Ground Clearance	21"	21"	21"
Tires	Two Quad Rib 11.00 x 16, 8 ply	Two Quad Rib 11.00 x 16, 8 ply	Two Quad Rib 11.00 x 16, 8 ply	
Hubs and Spindles	6000# 8 Bolt	6000# 8 Bolt	6000# 8 Bolt	
Total Weight	5400#	5550#	5750#	
Tongue Weight	1180#	1230#	1300#	
Transport Width	Pinned	9'7"	11'4"	12'3"
	Unpinned	8'5"	9'8"	11'1"
Overall Length	19'8"	19'8"	19'8"	
Horse Power Range	90-230	120-400	120-400	
Weight Box	58" x 28" x 12"	58" x 28" x 12"	58" x 28" x 12"	

HyGrade

REAR STEER GRADERS

**Models 1200RS,
1400RS, and
1600RS**

**Rear Steer HyGrade
Graders**



The Models 1200RS, 1400RS, and 1600RS have Hydraulic Rear Steer that allows the operator to move the blade 4 to 5 feet more to the left or the right side of the tractor hydraulically from the tractor seat.

All Rear Steer models require 4 hydraulic remotes.

The Rear Steer feature allows the HyGrade grader to clean along feedlot fences, bunk lines, buildings, road edges, trees, etc. without having to drive the tractor so close to the objects that you are working near.

The Rear Steer feature gives the Grader the capability to clean out irrigation and drainage ditches that are wet, while keeping the tractor on drier ground.

The Rear Steer Models make road construction and riprapping easier since the operator doesn't need to drive as close to the edge of the road banks.

**THE HYGRADE GRADERS ARE BUILT RUGGED TO DO
THE TOUGH JOBS THAT YOU NEED THEM TO DO.**

MODELS 1200RS, 1400RS, AND 1600RS

Rear Steer HyGrade Graders

Specifications					
MODEL		1200RS	1400RS	1600RS	
Blade	Length	12'	14'	16'	
	Angle	45°	45°	45°	
	Height	30"	30"	30"	
	Tilt	15°	15°	15°	
	Blade To Ground Clearance	26"	26"	26"	
Tires		Two Quad Rib 11.00 x 16, 8 ply	Two Quad Rib 11.00 x 16, 8 ply	Two Quad Rib 11.00 x 16, 8 ply	
Hubs and Spindles		6000# 8 Bolt	6000# 8 Bolt	6000# 8 Bolt	
Total Weight		5760#	5910#	6110#	
Tongue Weight		1330#	1380#	1440#	
Transport Width	Pinned	9'1"	10'8"	11'2"	
	Unpinned	8'	9'	10'	
Overall Length		21'5"	21'5"	21'5"	
Horse Power Range		90-230	120-400	120-400	
Weight Box		46 1/2" x 34" x 12"	46 1/2" x 34" x 12"	46 1/2" x 34" x 12"	

**ALL REAR STEER MODELS REQUIRE
4 HYDRAULIC REMOTES**



**Model 1600RS shown
with cement weight.**

MODELS 800 AND 1000



The HyGrade Design with the Farmer in Mind Models 800 and 1000

All hydraulic cylinders, hoses and tips are included

All hydraulic cylinders have nitro steel shafts

Available in 8' and 10' blade lengths

Blade tilts 15 degrees left and right for slope cuts

Blade angles 40° left and right

All three hydraulic functions can operate from one remote

Cement weight, box scraper ends are standard with each model

Reversible / replaceable high carbon steel cutting edge

Excellent blade to ground clearance

Storable hitch jack

Safety chain is included



Model 1200 and 1000 shown

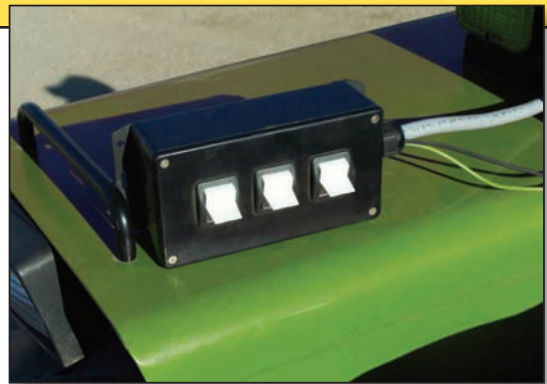
Specifications

MODEL	800	1000
Blade	Length	8'
	Angle	40°
	Height	17"
	Tilt	15°
	Blade To Ground Clearance	15"
Tires	Two Tri Rib 5.00 x 15", 4 ply	Two Tri Rib 5.00 x 15", 4 ply
Hubs and Spindles	1500# 4 Bolt	1500# 4 Bolt
Total Weight	1810#	1890#
Tongue Weight	460#	530#
Transport Width	7'1"	8'10"
Overall Length	16'2"	16'2"
Horse Power Range	25-100	25-100

ALL THREE HYDRAULIC FUNCTIONS CAN OPERATE FROM ONE REMOTE
Models 800 and 1000 come equipped with one of the following three options:



- 3 Button Handle
(operates off of one remote)



- 3 Switch Control Box
(operates off of one remote)



- 6 Hoses
(for tractors with 3 remotes)



**Tough jobs need tough equipment,
The HyGrade Grader
is what you need to do the job right!**

Call for a Dealer Nearest You.

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www.johnsonmfg-hygrade.com

Johnson Mfg., Inc. is continually improving it's product line, therefore, we reserve the right to make improvements without prior notice and without changes on previous models.