

REAR BLADES

LEON

Material Handling Excellence™

rear blade units

Light Utility Rear Blades

for tractors within a 15 - 70 H.P. (Manual Controls)

&

Medium Duty Rear Blades

for tractors within a 50 - 165 H.P. Range (Manual or Hydraulic Controls)

&

Heavy Duty Rear Blades

for tractors up to 420 H.P. (All Hydraulic Controls)



Your Choice From the Largest Range of rear blades on the market today.

Choose a **Reliable LEON Rear Blade.**

- ◆ All Welded Construction With Heavy Duty Main Frames
- ◆ Ripple Formed Moldboards To Prevent Drag
- ◆ Structural Heavy-Duty Design For Sustained High Torsional Loads
- ◆ For Ease of Use Angle, Tilt and Offset are standard on all Models

“Complete Versatility”

REAR BLADES

Model 30

For tractors up to 30 H.P.



Model 30

The LEON Model 30 Rear Blade is a light duty, utility blade designed for tractors with Category 0 and Category I three point hitch. Available in 4' (1.22 m) 5' (1.52 m) and 6' (1.83 m) blade widths, it's ideal for smaller tractors with a maximum PTO horsepower of 30 H.P.

Blade Adjustments:

Angling: 5 different forward and reverse positions up to 45 degrees left & right
Tilt: 3 - point hitch attachment
Offset: 10" (25.4 cm) left & 10" (25.4 cm) right

Model 50

For tractors up to 50 H.P.

Model 50

Ideal for yard maintenance, landscaping, snow removal, and other chores, the LEON model 50 works quick and efficiently. Designed for tractors with Category I three point hitch, all LEON utility rear blade units feature manual angle, tilt, and offset controls. 6' x 7" blade widths.

Blade Adjustments:

Angling: 5 different forward and reverse positions up to 45 degrees left & right
Tilt: 3 - point hitch attachment
Offset: 12" (30.5 cm) left & 12" (30.5 cm) right

Model 70 (Manual Controls)

For tractors up to 70 H.P.

Model 70

The LEON Model 70 Rear Blade is a quality built workhorse designed for Category I three point hitch tractors. This reliable rear blade is built to accommodate tractors with a maximum PTO horsepower of 70 H.P. Complete with all exceptional Leon features, the Model 70 delivers maximum power.

Blade Adjustments:

Angling: 7 different forward and 3 reverse positions up to 45 degrees left and right
Tilt: 5 different positions up to 36 degrees
Offset: 5 different positions up to 24" (61.0 cm) left and 24" (61.0 cm) right

Model 85

Model 85

The LEON Model 85 Rear Blade offers both manual & hydraulic controls. Where frequent changes are needed during operations the optional hydraulic angling tilt and offset controls ensure the operation does not have to leave the tractor seat. This unit fits category I & II 3 point hitches on medium sized tractors that have a maximum 90 PTO horsepower.

Blade Adjustments:

Manual Angling: 7 different forward and reverse positions up to 45 degrees
Hydraulic Angling: Up to 45 degrees left and right
Manual Tilt: 5 left positions up to 36 degrees tilt
Hydraulic Tilt: 36 degrees
Manual Offset: Up to 30" (76.2cm) left or right offset with 7 positions
Hydraulic Offset: 30" (76.2cm) left & right

Model 125

Model 125

The LEON Model 125 Rear Blade accommodates tractors with up to 125 PTO horsepower. Both manual & hydraulic control choices are offered to suit your particular need. Road grading, corral cleaning, ditching, and professional landscaping are among the various tasks this steady rear blade can perform.

Blade Adjustments:

Manual Angling: 7 forward or reverse positions left & right up to 45 degrees
Hydraulic Angling: Up to 45 degrees left and right
Manual Tilt: 36 degrees left or right with 5 positions
Hydraulic Tilt: 36 degrees left or right
Manual Offset: Up to 26.5" (67cm) left or right with 7 adjustments
Hydraulic Offset: 30" (76.2cm) left & right

Model 165 (Choice of Manual or Hydraulic Controls)

Model 165

Complete with optional full hydraulic power and a host of features, the LEON Model 165 Rear Blade is built to last. Choose from 8' (2.44 m), 9' (2.75 m) or 10' (3.05 m) moldboards, optional gauge wheels, side plates, and skid shoes to do any big job. This unit fits category II & III & quick hitches on tractors up to 165 PTO horsepower.

Blade Adjustments:

Manual Angling: 7 forward or reverse positions left & right up to 45 degrees
Hydraulic Angling: Up to 45 degrees left and right
Manual Tilt: 36 degrees left or right with 5 positions
Hydraulic Tilt: 36 degrees left or right
Manual Offset: Up to 26.5" (67cm) left or right with 7 adjustments
Hydraulic Offset: 30" (76.2cm) left & right

Exceptional Features

Specially Designed Moldboards



Every LEON Rear Blade moldboard is specially designed and ripple formed to deliver precise cut and roll action needed for demanding jobs. Performance testing has proven that the curvature of LEON moldboards deliver maximum roll when working in dirt, gravel, and snow. Ripple formed moldboard are designed to roll the load ahead to save time, fuel and energy.

High Carbon Cutting Edge



LEON Rear Blades boast a 1/2" x 6" (13 mm x 152 mm) high carbon cutting edge which is specially formed to the contour of the moldboard. This cutting edge is fully replaceable and reversible on all models of LEON Rear Blade Units.

Heavy Duty "all Welded" Mainframe



Mainframe assemblies are designed to an ideal length to accommodate a 360 degree turn of the moldboard. LEON Rear Blade main frames feature "All Welded Construction" to prevent any cracking, bending or twisting that may occur with other blades. When utilized on the recommended horsepower of tractor, the LEON Rear Blade will provide years of quality use.

Skid Shoes



Adjustable skid shoes are available for LEON Rear Blades to prolong the life of the blade. LEON skid shoes will increase wear resistance of the blade against the normal wear and tear that occurs from years of pulling dirt, snow, sand, gravel or other abrasive materials.

REAR BLADES



Total Hydraulic Control Get maximum performance from the convenient hydraulic angling, tilt and offset controls which saves time and increases productivity of all jobs. These models are the heaviest & largest rear blades available to the big tough jobs with your high horsepower tractors.

The LEON Model 280, 350 and 420 feature convenient hydraulic angling, hydraulic tilt, and hydraulic offset.



Model 200 & Model 280 & Model 350 & Model 420

Model 200

Blade Adjustments:

Hydraulic Angling: 30 degrees left and right

Hydraulic Tilt: 15 degrees either left or right

Hydraulic Offset: 36.5" (92.71 cm) left and right

Model 280

Blade Adjustments:

Hydraulic Angling: 45 degrees left or right

Hydraulic Tilt: 15 degrees either left or right

Hydraulic Offset: 45" (114.3 cm)

Model 350

Blade Adjustments:

Hydraulic Angling: 45 degrees left or right

Hydraulic Tilt: 15 degrees either left or right

Hydraulic Offset: 47.5" (120.7 cm)

Model 420

The Biggest & Strongest Rear Blade Available Today!

Blade Adjustments:

Hydraulic Angling: 45 degrees left or right

Hydraulic Tilt: 15 degrees either left or right

Hydraulic Offset: 50" (127 cm)

Side Plates



By adding bolt on solid steel LEON side plates, the LEON Rear Blade will handle bulky loads of material quicker and easier. Prevent materials from being lost to the side by equipping the LEON Rear Blade Unit with heavy side plates that attach in minutes.

Heavy Duty King Pin



LEON Rear Blades feature a solid steel king pin constructed from cold rolled steel. The king pin is engineered to withstand pressure and will transfer all pulling stress to where it is designed for: the durable moldboard assembly.

Support Stands



For larger models, support stands are used to help users quick-attach the unit to their three point hitch tractor. By keeping the unit level, users can simply back up to the Rear Blade A - Frame area for simple and easy hookup.

Gauge Wheels



Solid rubber segmented gauge wheels are available on larger models of Rear Blade Units. Setting your gauge wheel to the precise level of cut needed will enable you to achieve smoother, more uniform grading operations. It also prevents the blade from digging into the ground when working in rough terrain. Leon gauge wheels come in bolt on with manual or hydraulic controls.

REAR BLADES



SPECIFICATIONS

	Model 30	Model 50	Model 70	Model 85	Model 125	Model 165	Model 200	Model 280	Model 350	Model 420
Blade Sizes (m)	4 ft (1.22) 5 ft (1.52) 6 ft (1.83)	5 ft (1.52) 6 ft (1.83) 7 ft (2.14)	6 ft (1.83) 7 ft (2.14) 8 ft (2.44)	7 ft (2.14) 8 ft (2.44) 9 ft (2.74)	8 ft (2.44) 9 ft (2.74) 10 ft (3.05)	8 ft (2.44) 9 ft (2.74) 10 ft (3.05)	8 ft (2.44) 9 ft (2.74) 10 ft (3.05)	10 ft (3.05) 12 ft (3.66) 14 ft (4.27)	12 ft (3.66) 14 ft (4.27)	12 ft (3.66) 14 ft (4.27)
Max. Tractor PTO H.P.	30	50	70	85	125	165	200	280	350	420
3 - Point Hitch Category	CAT 0 with CAT I bushings	CAT I	CAT I	CAT I, II & Quick Hitch	CAT II, III & Quick Hitch	CAT II, III & Quick Hitch	CAT II, III & Quick Hitch	CAT II, III & Quick Hitch	CAT III, IV & Quick Hitch	CAT III, IV & Quick Hitch
Approx. Weight lbs (kg)	140 (64) 160 (73)	245 (111) 291 (132)	372 (169) 424 (193)	650 (386) 930 (423)	1140 (518) 1180 (538)	1260 (573) 1340 (609)	1708 (776) 1908 (822)	2200 (1000) 2360 (1073)	2650 (1205) 2910 (1323)	3515 (1598) 3675 (1670)
Reversible Cutting Edge	No	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
High Carbon Cutting Edge (cm)	1/4" x 3" m.s. (0.6 x 7.6)	1/2" x 6" (1.27 x 15.24)	1/2" x 6" (1.27 x 15.24)	1/2" x 6" (1.27 x 15.24)	1/2" x 6" (1.27 x 15.24)	1/2" x 6" (1.27 x 15.24)	1/2" x 6" (1.27 x 15.24)	1/2" x 6" (1.27 x 15.24)	1/2" x 6" (1.27 x 15.24)	1/2" x 6" (1.27 x 15.24)
King Pin Diameter (cm)	3/4" (1.9)	2" (5.1)	2" (5.1)	3" (7.6)	3.5" (8.9)	4" (10.2)	4" (10.2)	4.5" (11.4)	5" (12.7)	6" (15.2)
Left & Right Angle Degrees	45	45	45	45	45	45	30	45	45	45
Tilt Adjustment Degrees	w/3 pt. hitch	w/3 pt. hitch	36	36	36	36	15	15	15	15
Left & Right Offset (cm)	10" (25.4)	12" (30.4)	24" (61)	30" (76)	26.5" (67)	26.5" (67)	35.5" (93)	45" (114)	47.5" (121)	50" (127)
Hydraulic Adjustment Capability	No	No	No	Yes - Optional	Yes - Optional	Yes - Optional	Standard	Standard	Standard	Standard
Full 360 degree Moldboard Turn	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
Moldboard Height (cm)	12.5" (31.8)	12.5" (31.8)	15" (38.1)	18" (45.7)	18" (45.7)	18" (45.7)	18" (45.7)	22" (55.8)	22" (55.8)	22" (55.8)

♦ Due to Leon's ongoing policy of product improvement, specifications are subject to change without notice or obligation.

- When productivity and efficiency are important to your grading projects, LEON Rear Blades can help. For 50 years LEON has been building high quality, rock solid Material Handling Equipment that has stood the test of time; products that have earned LEON a world wide reputation for outstanding performance, reliability and innovative design.
- LEON is committed to delivering quality! From design engineering to final assembly, LEON's ISO 9001 registered quality program goes beyond simple quality checks. This is an exhaustive quality program that ensures each product is built to exacting specifications and tolerances.

