



5000 US gal Model with Transfer Boom Shown

EXCEEDING INDUSTRY STANDARDS THROUGH SUPERIOR DESIGN

The *Nuhn Alley Vac* makes cleanup quick and easy. One pass down the aisle and everything is collected. With our high floatation tires, the unit can be taken to the field to spread or transferred to a lagoon. The blade floats on three axis of movement so it is able to follow the contours of an uneven ground perfectly. Unlike stationary blades, the Nuhn blade will automatically tilt forward and back, rotate longitudinally, and up and down.

With the Nuhn patented circulation system, the manure that is collected in the blade is sucked into the tank at the front bottom, and is spread from the bottom rear. This system prevents solids from building up in the tank as they do when the blade inlet sucks in a different location.

TECHNICAL SPECIFICATIONS

Air Flow at 18" HG:	600 CFM
Maximum Vacuum:	28" HG
Power Req'd @ Max Vac:	29 BHP
Hose Size:	4"
Operating Speed (RPM):	850-1150
Lubrication System:	Auto Oil Injection
Vanes:	5 Fiber
Pump Drive Direction:	Clockwise
Height:	27.500"
Length:	34.375"
Width:	29.750"
Warranty:	2 years

MODELS

MODEL NO.	US GAL	LITRES	WIDTH	PUMP	TIRE SIZE	PRICE
MOD-0154	1,500	5,678		Mag600	18.4 x 26 single axle	\$61,080.00
MOD-0108	2,500	9,464	8'8"	Mag600	18.4 x 38 single axle	\$67,300.00
MOD-0046	3,200	12,113	8'8"	Mag600	18.4 x 26 Tandem	\$72,750.00
MOD-0187	3,200	12,113	8'5"	Mag600	18.4 x 38 single, steer	\$75,875.00
MOD-0157	3,200	12,113		Mag600	single, no steering	\$70,850.00
MOD-0047	4,000	15,142	8'8"	Mag600	18.4 x 26	\$75,700.00
MOD-0048	5,000	18,927	10'10"	Mag600	18.4 x 38	\$86,400.00
MOD-0049	6,000	22,712	12'	Mag600	30.5 x 32 Radial	\$98,600.00
MOD-0050	6,500	24,605	12'	Mag600	30.5 x 32 Radial	\$107,980.00
MOD-0051	7,000	26,498	12'	Mag600	30.5 x 32 Radial	\$111,450.00

OPTIONS



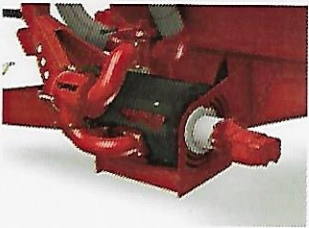
100-081 BRAKES ON 4 WHEELS \$4,900.00

-Includes actuators and hydraulic hoses
-One caliper on each wheel



100-078 SINGLE JOINT TRANSFER BOOM \$6,900.00

- Includes 8" vacuum hose and stirrup



105-185 VACUUM OPTION - HYDRAULIC DIRECT DRIVE - KM40.109 \$3,850.00

-Includes motor, and hoses



100-111 24" HYDRAULIC TOP HATCH \$1,800.00

100-468 DOOR – 20" BOLT-ON with GASKET \$395.00

100-469 DOOR – HINGED VACUUM DOOR 24" (without valve) \$825.00



100-080 REAR WORK LIGHTS (SET OF 2) \$266.00



100-446 STEERING TONGUE \$4,300.00

106-353 SAND REMOVAL AUGER \$13,900.00



100-349	WIND ROW APPLICATOR	\$4,490.00
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105-432	WATER APPLICATION SYSTEM	\$4,250.00
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105-731	90° SIDE SPRAY NOZZLE	\$475.00
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100-520	MATING STATION <i>- Includes basket, gasket and stand</i>	\$750.00
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100-293	LOADING BASKET – 8"	\$300.00
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LOADING STRAWS		
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100-313	LOADING STRAW – 8'	\$895.00
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100-036	LOADING STRAW – 10'	\$920.00
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100-304	LOADING STRAW – 12'	\$945.00
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100-305	STIRRUP – 8"	\$65.00
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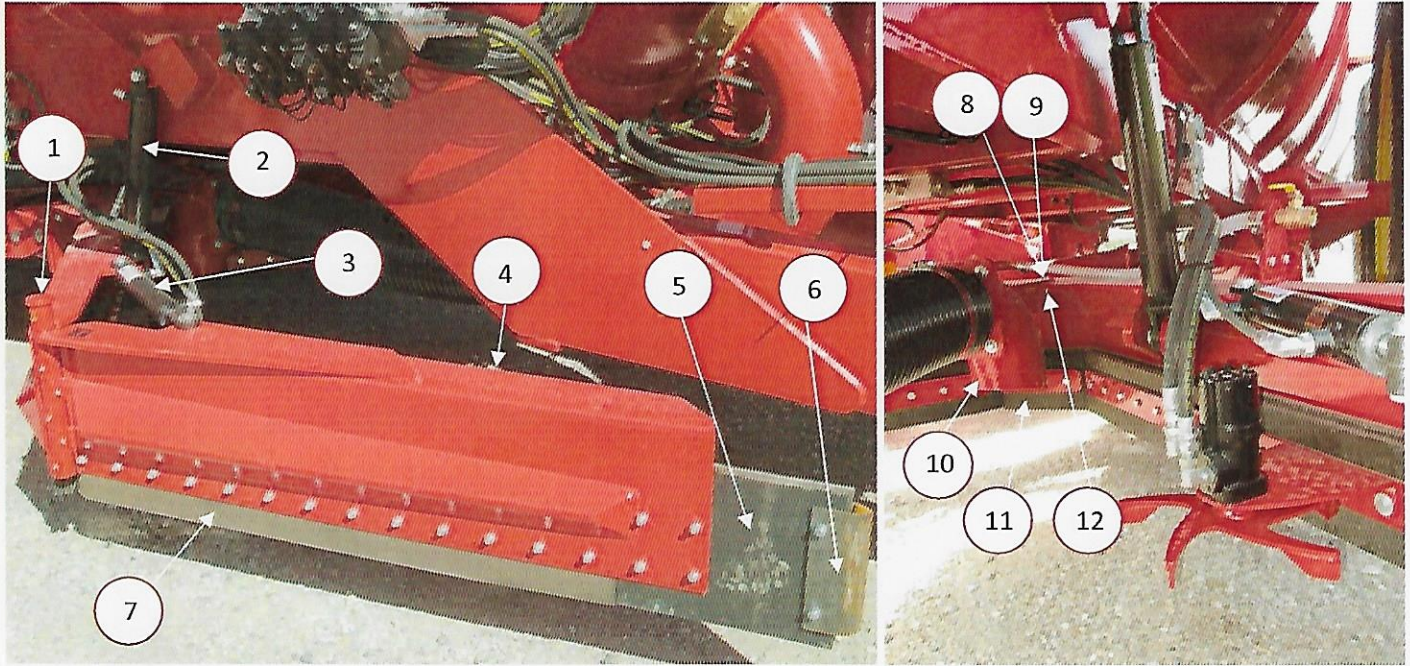
105-725	BALL – 8"	\$65.00
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100-488	SHUT OFF VALVE AND AIR CYLINDER	On Request
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BLADE REPLACEMENT PARTS

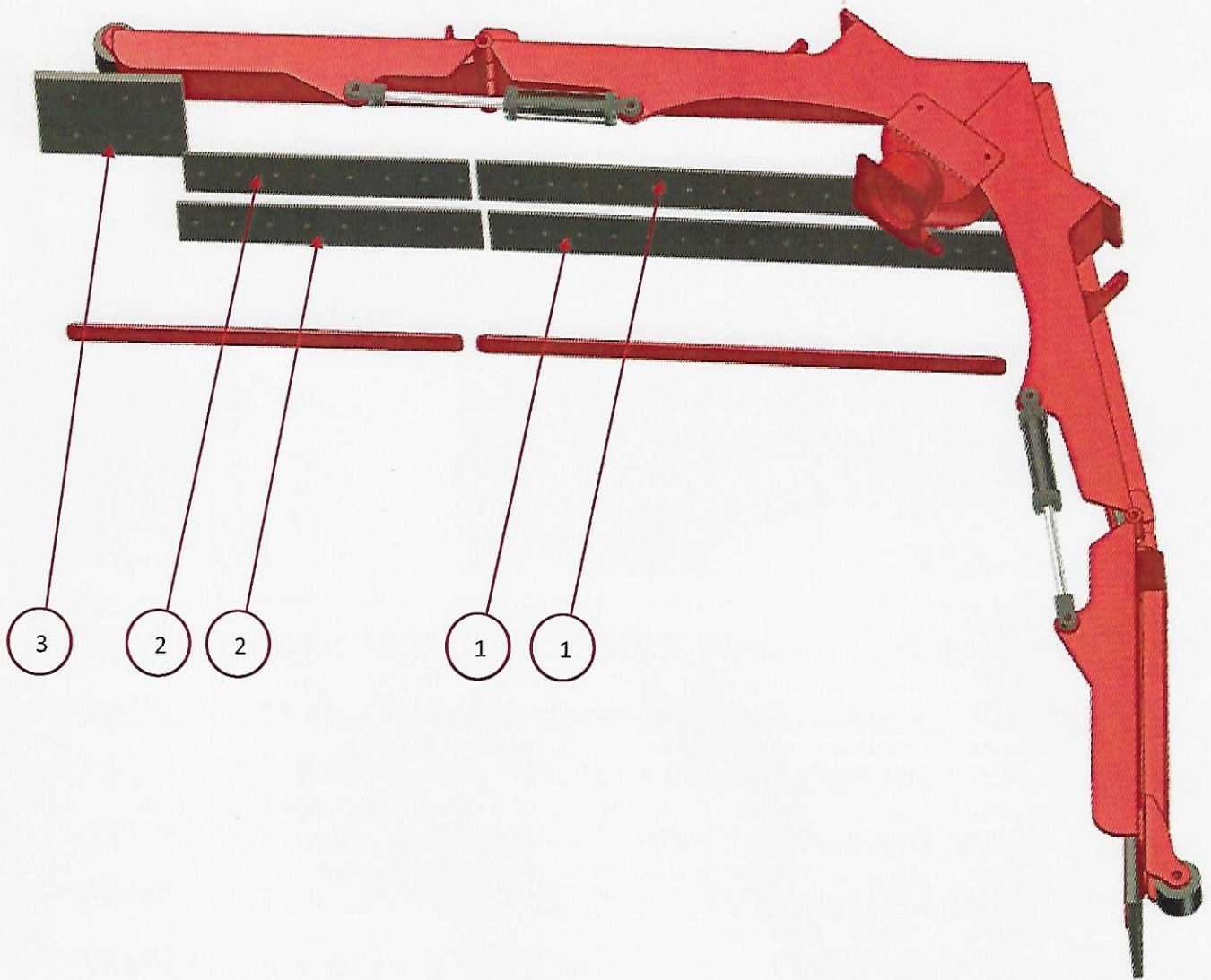
100-024 Alley Vac - Blade (includes Rubber, Inlet, Cylinders and Hardware)

\$5,800.00



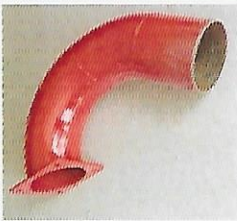
ITEM NO.	PART NO.	DESCRIPTION	PRICE
1	103-995	Alley Vac - Wing Pin	\$22.75
2	100-896	Hyd. Cylinder - Welded - 3000psi - 2.5" x 12" - ftgs 90° to pins	\$180.00
3	100-894	Hyd. Cylinder - Welded - 3000psi - 2" x 10", ftgs 90° to pins	\$175.00
4	100-020	Alley Vac - Left Wing (does not include rubber or roller)	\$710.00
	100-026	Alley Vac - Right Wing (does not include rubber or roller)	\$710.00
5	* 103-960	Alley Vac - Rubber - 11.75" x 16" x 1.25" (2 in set) - 2013 update - price each	\$125.00
6	104-056	Alley Vac - Steel Wear Edge on Blade (2 in set) - price per set	\$137.40
7	* 103-959	Alley Vac - Rubber - 8" x 59" x 0.75" (8 in set)- 2013 update - price each	\$115.00
8	100-914	Bolt - Hex Head - 0.5" x 1.5" - GR5	\$0.32
9	100-898	Washer - Flat - 0.5"	\$0.09
10	100-027-1	Alley Vac - 8" Blade Inlet	\$309.85
11	* 100-926	Alley Vac - Rubber - 8" x 12" x 0.75" (2 in set) - 2013 update - price each	\$35.45
12	100-904	Nut - Nylock - 0.5"	\$0.14
	100-980	Bolt - Hex Head - 0.5" x 3" - GR5	\$0.74
	100-918	Bolt - Hex Head - 0.5" x 3.5" - GR5	\$0.76
	100-904	Nut - Nylock - 0.5"	\$0.14
* 100-675		Alley Vac - Complete Rubber Replacement (Both Arms) - 2013 & newer (includes 103-959 x 8, 103-960 x 2 and 100-926 x 2)	\$1,240.90
100-138		Alley Vac - Blade - Replacement Rubber Set (Two Arms) - prior to 2013 (see diagram on page E-5)	\$989.00

BLADE RUBBER – PRIOR TO 2013



ITEM NO.	PART NO.	DESCRIPTION	PRICE
	100-138	Complete Rubber Replacement Kit (both arms) – Prior 2013	\$989.00
1	101-077	Rubber A 8 x 59 (4 in set) – price each	\$96.50
2	101-079	Rubber B 8 x 32 (4 in set) – price each	\$82.25
3	101-078	Rubber C 16 x 16 (2 in set) – price each	\$137.10

REPLACEMENT PARTS



PART NO.	DESCRIPTION	PRICE
100-686	Alley Vac - 8" Tank to Blade Elbow - 135°	\$408.10



PART NO.	DESCRIPTION	PRICE
103-100	Alley Vac - Spinner	\$97.95



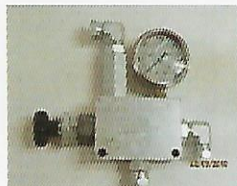
PART NO.	DESCRIPTION	PRICE
104-918	Alley Vac - Bracket - Spinner Motor	\$26.45



PART NO.	DESCRIPTION	PRICE
101-967	Hyd. Motor - 400 Series - 4 Bolt -MLHPQ400C4UPE	\$305.90
101-021	Bolt - Hex Head 0.375" x 1" - GR5	\$0.13



PART NO.	DESCRIPTION	PRICE
102-166	Ball Valve - Brass - 0.750", threaded	\$12.50
100-921	Alley Vac - Mounting Plate - Ball Valve	\$22.80
102-932	Bolt - Hex Head - 0.375" x 0.5" - GR5	\$0.26
100-902	Nut - Nylock - 0.375"	\$0.06



PART NO.	DESCRIPTION	PRICE
100-485	Auto Down Pressure Regulator Assembly	\$360.00
104-743	Hyd. Fitting - Pressure Gauge - 3000 psi	\$34.00



PART NO.	DESCRIPTION	PRICE
101-822	Solenoid - 3C2 Valve	\$149.10
101-823	Solenoid - 3C4 Valve	\$149.10
102-498	Solenoid Block - 1 Bank	\$50.40
101-837	Solenoid Block - 8 Bank	\$590.34

For generic vacuum parts used on the Alley Vac, see Vacuum Replacement Parts



EXCEEDING INDUSTRY STANDARDS THROUGH SUPERIOR DESIGN

STANDARD FEATURES

CAT 7.1L 275 T4 Motor

- Dual 400 Vac Pumps
- 12" Unload Valve
- Auger Upload
- Self-Propelled Drive
- 4 Wheel Steer
- 2 Speed Transmission
- User Friendly Controls
- Touch Screen Display
- Backup Camera
- Air Suspension in Seat
- Rubber Isolated Cab Mount
- Walking Front Suspension on Axle
- Hydraulic Brakes
- Air Conditioning
- Center Mount Cab for Superior View



MODELS

MODEL NO.	US GAL	LITRES	WIDTH	PUMP	TIRE SIZE	PRICE
MOD-0790	3,500	13,249		Dual 400	17.5 R25	\$244,900.00
MOD-0791	4,500	17,034		Dual 400	17.5 R25	\$249,500.00

* Prices in USD



SELF PROPELLED ALLEY VAC

THE DESIGN

The Nuhn Self-Propelled Alley Vac has Dual Magnum 400 Vacuum Pumps and a full length auger to remove solid build-up. The high-floatation tires allow the Alley Vac to spread the manure directly in the field or to transfer the manure.



MORE EFFICIENT
Makes clean up quick and easy



12" UNLOAD VALVE
Larger valve for faster unloading



FOLDING BLADE
Wings in and out operated by joystick



CENTER CAB MOUNT
Superior view with air conditioning and heat



Exceeding industry standards through superior design



SELF PROPELLED ALLEY VAC

TECHNICAL SPECIFICATIONS

Engine	Tire Size	Discharge	Turning Circle	Overall Length	Overall Height	Overall Width	Scraping Width	Low Range Speed	High Range Speed	Transmission
7.1 L CAT	17.5 R25	Rear 12" Valve	10'	24' 3"	11' 2"	8' 6"	8.5' - 15'	10 MPH	20 MPH	2 Speed Hydrostat Motor



VERY USER FRIENDLY CONTROLS



- Joystick controls run the following:
 - blade wings in and out
 - blade up and down
 - 8" inlet valve
- State of the art technology
Multiple sequence buttons from start to finish. For example the unload button:
 - changes the vacuum to pressure
 - starts the in tank auger
 - opens the rear discharge valve
- Touch screen display for engine and hydraulic feedback.
- Backup camera automatically comes on in reverse.
- Rubber isolated cab with air conditioning and air suspension seat.
- Hydraulic brakes are standard

CAPACITIES AVAILABLE: 3500, 4500



NUHN INDUSTRIES LTD
LEADING MANUFACTURER OF MANURE HAULING EQUIPMENT



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