

Wishek

TILLAGE GUIDE





WISHEK: STRENGTH THROUGH INNOVATION



Harley and Carol Brandner founded Wishek Steel and Manufacturing in 1969 as a welding, repair, and custom manufacturing shop. In 1972, Wishek expanded into a new, more modern facility in southwest Wishek. The first spring model Wishek Disc was developed in 1977, and even more space was needed to accommodate the increased business and additional workforce.

Over the next 15 years, Wishek Steel and Manufacturing purchased the feed and forage line of equipment from Balzer Manufacturing and the ag line of tillage equipment from Miller Weeder Corporation and expanded the existing plant once again.

In 1995, Kim and Mitch Bosch, Harley and Carol's daughter and son-in-law, were brought into the business. Ownership transferred to the Bosches in 2003, and Harley and Carol started a much-deserved retirement.

In 2006, the Wishek line of disc harrows was added to the Wil-Rich equipment line. Then, in 2011, Wil-Rich formed a joint venture with AGCO, a leading worldwide provider of agricultural equipment. AGCO-Amity JV, LLC develops and distributes air seeding and tillage equipment under the Concord, Wil-Rich, and Wishek brands, as well as Challenger, Sunflower, and Massey Ferguson.

HEAVY-DUTY DISC HARROWS



With strength designed in every machine, Wishek disc harrows are heavy-duty machines that have the heaviest weight-per-blade specifications in the industry. This allows Wishek disc harrows to work in almost all soil conditions and crop residue. Disc gangs are set at an angle in order to mix residue regardless of field and residue conditions with just the right amount of soil to help create an ideal seed bed.

SINGLE-POINT DEPTH CONTROL



Single-point depth control allows the operating depth of the entire disc to be adjusted with a single setting. This simple adjustment, done at the front of the machine, is easy, safe, and precise. Single-point depth control is optional on all models.

WISHEK OFFSET DISC



The Wishek Offset Disc is for those customers seeking the time-tested, proven design of an offset disc, coupled with Wishek's reputation for building strong, heavy-duty discs. Wishek discs are the most reliable and lowest maintenance discs on the market. With nearly 1,488 kg/m, the Wishek Offset Disc has the brute strength to penetrate in even the most demanding soil conditions.

Wishek offset discs are equipped with blades ranging between 24 and 28 inches (610 and 711 mm) and blade spacing from 10 to 11 inches (254 to 279 mm), optional scraper systems, and optional rock cushion.



An adjustable leveling system is standard equipment, allowing unit to be leveled front to back. An optional hydraulic leveler is available (shown).



Standard tires on Wishek Offset Disc models:

- 612N model: 11L x 15 tires
- 812N & 842N models: 12.5L x 15



Wishek 812N-OCL Offset Disc features 28 inch (711 mm) blades on 11 inch (279 mm) spacing. The winged model comes with an OCL (Over Center Lock) system for complete leveling performance. The OCL system on the 812N unit prevents the disc wings from diving or lifting out of the ground by locking the wings rigid to the main frame.



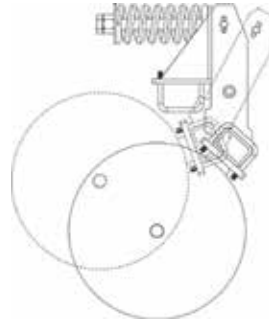
Wishek discs have an optional 3-bar coil tine harrow.



There are a number of options for disc scrapers, including:

- Standard flat scrapers
- Optional spool scrapers
- Optional bearing standard scrapers





Wishek Rock Cushion

Spring cushion models of the Wishek Offset Disc offer unique flexibility in their design. When a blade strikes a solid object, it travels in an arc of 6 inches (152 mm) rearward and 6 inches (152 mm) upward for a total of 12 inches (305 mm), letting it travel over and avoid damage from impact with that object.

WISHEK OFFSET DISC SPECIFICATIONS

MODEL #	WORKING WIDTH	# OF BEARINGS	# OF BLADES	TRANSPORT		WEIGHT		APPROX. WEIGHT
				WIDTH	HEIGHT	PER BLADE	PER FOOT	
Model 612N 24 x 5/16" (610 x 8 mm) blades, 26 x 5/16" (660 x 8 mm) optional, rigid bearing gang with 10" (254 mm) blade spacing								
612N-12 Non-Wing	13'1" (4 m)	6F, 6R	16F, 17R	14'8" (4.5 m)	6'0" (1.8 m)	294 lbs. (133 kg)	741 lbs. (336 kg)	9,699 lbs. (4,399 kg)
612N-14 Non-Wing	14'8" (4.5 m)	6F, 6R	18F, 19R	16'5" (5 m)	6'0" (1.8 m)	273 lbs. (124 kg)	688 lbs. (312 kg)	10,097 lbs. (4,580 kg)
612N-16 Non-Wing	16'3" (4.9 m)	8F, 7R	20F, 21R	17'10" (5.5 m)	6'0" (1.8 m)	263 lbs. (119 kg)	662 lbs. (300 kg)	10,763 lbs. (4,882 kg)
612N-18 Non-Wing	17'10" (5.5 m)	8F, 7R	22F, 23R	19'6" (5.9 m)	6'0" (1.8 m)	245 lbs. (111 kg)	618 lbs. (280 kg)	11,016 lbs. (4,997 kg)
Model 812N 28 x 5/16" (711 x 8 mm) blades, 30 x 5/16" (762 x 8 mm) optional, rigid gang with 11" (279 mm) blade spacing								
812N-10 Non-Wing	11'6" (3.5 m)	4F, 5R	12F, 13R	12'9" (3.9 m)	7'0" (2.1 m)	290 lbs. (132 kg)	630 lbs. (286 kg)	7,250 lbs. (3,289 kg)
812N-12 Non-Wing	12'8" (3.9 m)	5F, 5R	14F, 15R	14'10" (4.4 m)	7'0" (2.1 m)	356 lbs. (161 kg)	815 lbs. (370 kg)	10,329 lbs. (4,685 kg)
812N-14 Non-Wing	14'6" (4.4 m)	6F, 6R	16F, 17R	16'3" (4.9 m)	7'0" (2.1 m)	333 lbs. (151 kg)	757 lbs. (343 kg)	10,976 lbs. (4,979 kg)
812N-16 Non-Wing	16'2" (4.9 m)	7F, 6R	18F, 19R	18'0" (5.4 m)	7'0" (2.1 m)	312 lbs. (142 kg)	713 lbs. (323 kg)	11,526 lbs. (5,228 kg)
812N-18 Non-Wing	17'11" (5.5 m)	8F, 8R	20F, 21R	19'8" (6 m)	7'0" (2.1 m)	299 lbs. (136 kg)	685 lbs. (311 kg)	12,271 lbs. (5,566 kg)
812N-22 Wing	21'5" (6.5 m)	9F, 8R	24F, 25R	9'5" (2.9 m)	12'10" (3.9 m)	428 lbs. (194 kg)	979 lbs. (444 kg)	20,960 lbs. (9,507 kg)
812N-24 Wing	23'2" (7.1 m)	11F, 10R	26F, 27R	9'5" (2.9 m)	13'6" (4.1 m)	416 lbs. (189 kg)	952 lbs. (432 kg)	22,060 lbs. (10,006 kg)
812N-26 Wing	24'11" (7.6 m)	11F, 10R	28F, 29R	9'5" (2.9 m)	14'7" (4.4 m)	401 lbs. (182 kg)	917 lbs. (416 kg)	22,860 lbs. (10,369 kg)
Model 842N 28x5/16" (711 x 8 mm) blades, 30x5/16" (762 x 8 mm) optional, spring cushion gang with 11" (279 mm) blade spacing								
842N-10 Non-Wing	11'0" (3.4 m)	6F, 4R	12F, 13R	12'7" (3.9 m)	7'0" (2.1 m)	441 lbs. (200 kg)	1,003 lbs. (455 kg)	11,029 lbs. (5,003 kg)
842N-12 Non-Wing	12'8" (3.9 m)	6F, 6R	14F, 15R	14'10" (4.4 m)	7'0" (2.1 m)	433 lbs. (196 kg)	991 lbs. (450 kg)	12,550 lbs. (5,693 kg)
842N-14 Non-Wing	14'6" (4.4 m)	7F, 6R	16F, 17R	15'3" (4.6 m)	7'0" (2.1 m)	419 lbs. (190 kg)	954 lbs. (433 kg)	13,830 lbs. (6,273 kg)
842N-16 Non-Wing	16'2" (4.9 m)	9F, 8R	18F, 19R	17'10" (5.5 m)	7'0" (2.1 m)	398 lbs. (181 kg)	911 lbs. (413 kg)	14,720 lbs. (6,677 kg)
842N-18 Non-Wing	17'11" (5.5 m)	9F, 8R	20F, 21R	19'8" (6 m)	7'0" (2.1 m)	372 lbs. (169 kg)	851 lbs. (386 kg)	15,248 lbs. (6,916 kg)

WISHEK TANDEM DISC



The Wishek Tandem Disc is the industry's workhorse when it comes to heavy-duty discs. Wishek discs are manufactured to an industry-recognized level of performance that separates them from the competition. Wishek discs give you a powerful tool utilizing their rock cushion and 22.5 truck tires.



Spring cushion models of the Wishek Tandem Disc offer unique flexibility in their design. When a blade strikes a solid object, it travels in an arc of 12 inches (305 mm) rearward and upward, letting it travel over and avoid damage from impact with that object.



To assist in leveling the field and help create a better seedbed, add a 3-bar harrow. The tubular tooth bar harrow features $\frac{5}{8}$ x 26 inch tines (16 x 660 mm) for strength and durability.



There are a number of options for disc scrapers, including:

- Standard flat scrapers
- Optional spool scrapers
- Optional bearing standard scrapers



Tires utilized on Wishek Tandem Disc models:

- Non-wing models: 12.5L x 15 load range F tires
- Folding wing models: 385/65R 22.5 used truck tires
- 8-bolt hubs on 14-30 ft. (3-9.1 m)
- 10-bolt hubs on 34-38 ft. (10.4-11.6 m)



Standard adjustable leveling system levels the unit front to rear. A hydraulic leveler is optional.



A heavy-duty rear implement hitch is optional for your towing requirements.

WISHEK TANDEM DISC SPECIFICATIONS

**1¹⁵/₁₆" (49 mm) gang shaft with 214 re-lube bearing • 12.5L x 15 tires - 385/65R 22.50 used truck tires • Gang bolt wrench
Safety chain • Transport lighting • Adjustable leveling system**

				TRANSPORT		WEIGHT			
MODEL #	WORKING WIDTH	# OF BEARINGS	# OF BLADES	WIDTH	HEIGHT	PER BLADE	PER FOOT	APPROX. WEIGHT	APPROX. POWER REQ'D
Model 814NT - 28 x 5/16" (711 x 8 mm) blades, 30 x 5/16" (762 x 8 mm) optional, rigid bearing gang with 11" (279 mm) blade spacing									
814NT-14 Non-Wing	14'2" (4.3 m)	6F, 6R	14F, 16R	16'4" (5.0 m)	7'0" (2.1 m)	390 lbs. (177 kg)	825 lbs. (374 kg)	11,719 lbs. (5,316 kg)	175-189 hp (130-141 kW)
814NT-16 Non-Wing	15'10" (4.8 m)	6F, 6R	16F, 18R	18'1" (5.5 m)	7'0" (2.1 m)	366 lbs. (166 kg)	788 lbs. (374 kg)	12,464 lbs. (5,654 kg)	200-216 hp (149-161 kW)
814NT-18 Non-Wing	17'7" (5.4 m)	8F, 8R	18F, 20R	19'10" (6.0 m)	7'0" (2.1 m)	337 lbs. (153 kg)	729 lbs. (331 kg)	12,819 lbs. (5,815 kg)	225-243 hp (168-181 kW)
814NT-22 Wing	22'10" (7.0 m)	12F, 10R	24F, 26R	13'6" (4.1 m)	12'10" (3.9 m)	477 lbs. (216 kg)	1,045 lbs. (474 kg)	23,825 lbs. (10,807 kg)	275-297 hp (205-222 kW)
814NT-24 Wing	24'7" (7.5 m)	10F, 10R	26F, 28R	13'6" (4.1 m)	13'6" (4.1 m)	443 lbs. (201 kg)	973 lbs. (441 kg)	23,912 lbs. (10,846 kg)	300-325 hp (224-242 kW)
814NT-26 Wing	26'4" (8.0 m)	10F, 10R	28F, 30R	13'6" (4.1 m)	14'2" (4.3 m)	420 lbs. (191 kg)	925 lbs. (420 kg)	24,351 lbs. (11,045 kg)	270-350 hp (201-261 kW)
814NT-30 Wing	29'9" (9.1 m)	12F, 12R	32F, 34R	14'8" (4.5 m)	15'10" (4.8 m)	407 lbs. (185 kg)	902 lbs. (409 kg)	26,837 lbs. (12,273 kg)	305-395 hp (227-295 kW)
814NT-34 Wing	33'3" (10.1 m)	14F, 14R	36F, 38R	15'10" (4.8 m)	15'10" (4.8 m)	416 lbs. (189 kg)	926 lbs. (420 kg)	30,787 lbs. (13,965 kg)	355-460 hp (265-343 kW)
814NT-38 Wing	38'6" (11.7 m)	16F, 16R	42F, 44R	15'10" (4.8 m)	17'9" (5.4 m)	385 lbs. (174 kg)	861 lbs. (391 kg)	33,131 (15,028 kg)	475-490 hp (280-365 kW)
Model 842NT - 28 x 5/16" (711 x 8 mm) blades, 30 x 5/16" (762 x 8 mm) optional, spring cushion gang with 11" (279 mm) blade spacing									
842NT-14 Non-Wing	14'1" (4.3 m)	6F, 6R	14F, 16R	15'9" (4.8 m)	7'0" (2.1 m)	441 lbs. (200 kg)	930 lbs. (422 kg)	13,186 lbs. (5,981 kg)	156-190 hp (116-142 kW)
842NT-16 Non-Wing	15'9" (4.8 m)	8F, 6R	16F, 18R	17'9" (5.4 m)	7'0" (2.1 m)	415 lbs. (188 kg)	891 lbs. (404 kg)	14,094 lbs. (6,393 kg)	165-211 hp (123-157 kW)
842NT-22 Wing	23'0" (7.0 m)	12F, 10R	24F, 26R	13'9" (4.2 m)	12'10" (3.9 m)	545 lbs. (247 kg)	1,193 lbs. (541 kg)	27,236 lbs. (12,354 kg)	230-300 hp (172-224 kW)
842NT-24 Wing	24'7" (7.5 m)	12F, 10R	26F, 28R	13'9" (4.2 m)	13'5" (4.1 m)	516 lbs. (234 kg)	1,133 lbs. (514 kg)	27,842 lbs. (12,629 kg)	240-321 hp (179-239 kW)
842NT-26 Wing	26'3" (8.0 m)	12F, 12R	28F, 30R	14'9" (4.5 m)	14'1" (4.3 m)	500 lbs. (227 kg)	1,102 lbs. (500 kg)	29,024 lbs. (13,165 kg)	260-335 hp (194-250 kW)
842NT-30 Wing	29'10" (9.1 m)	14F, 14R	32F, 34R	17'1" (5.2 m)	15'5" (4.7 m)	476 lbs. (216 kg)	1,058 lbs. (480 kg)	31,482 lbs. (14,280 kg)	309-400 hp (231-298 kW)
842NT-34 Wing	33'2" (10.1 m)	16F, 18R	36F, 38R	15'9" (4.8 m)	14'1" (4.3 m)	509 lbs. (231 kg)	1,135 lbs. (515 kg)	37,737 lbs. (17,117 kg)	341-445 hp (254-332 kW)
842NT-38 Wing	38'5" (11.7 m)	18F, 20R	42F, 44R	15'9" (4.8 m)	17'9" (5.4 m)	540 lbs. (245 kg)	1,151 lbs. (522 kg)	44,300 lbs. (20,094 kg)	189-375 hp (280-365 kW)
Model 862NT - 30 x 5/16" (762 x 8 mm) spring cushion gang blades with 13' (330 mm) blade spacing									
862NT-14 Non-Wing	14'4" (4.4 m)	6F, 6R	12F, 14R	15'11" (4.6 m)	7'0" (2.1 m)	507 lbs. (230 kg)	920 lbs. (417 kg)	13,183 lbs. (5,980 kg)	170-225 hp (127-168 kW)
862NT-16 Non-Wing	16'4" (5.0 m)	6F, 6R	14F, 16R	18'5" (5.6 m)	7'0" (2.1 m)	457 lbs. (207 kg)	840 lbs. (381 kg)	13,716 lbs. (6,222 kg)	195-260 hp (145-194 kW)
862NT-22 Wing	22'6" (6.6 m)	10F, 10R	20F, 22R	13'11" (4.2 m)	12'10" (3.9 m)	643 lbs. (292 kg)	1,200 lbs. (544 kg)	27,011 lbs. (12,252 kg)	260-350 hp (194-261 kW)
862NT-26 Wing	26'8" (8.1 m)	12F, 10R	24F, 26R	14'10" (4.5 m)	14'2" (4.3 m)	579 lbs. (263 kg)	1,085 lbs. (492 kg)	28,939 lbs. (13,127 kg)	320-430 hp (239-321 kW)
862NT-30 Wing	30'9" (9.4 m)	14F, 12R	28F, 30R	17'2" (5.2 m)	15'10" (4.8 m)	554 lbs. (251 kg)	1,045 lbs. (474 kg)	32,133 lbs. (14,575 kg)	360-480 hp (269-358 kW)
862NT-34 Wing	34'11" (10.6 m)	16F, 14R	32F, 34R	16'0" (4.9 m)	14'2" (4.3 m)	571 lbs. (259 kg)	1,080 lbs. (490 kg)	37,711 lbs. (17,105 kg)	420-560 hp (313-418 kW)
862NT-38 Wing	39'0" (11.9 m)	18F, 16R	36F, 38R	16'0" (4.9 m)	17'9" (5.4 m)	587 lbs. (266 kg)	1,113 lbs. (505 kg)	43,424 lbs. (19,697 kg)	460-620 hp (343-462 kW)





17885 Hwy 13
Wahpeton, ND 58075
1-800-688-3300
www.wishekmfg.com

