

Tillage Guide

Designed for the demands of today's fields.

Wishek



VÄDERSTAD



Welcome to Väderstad

Together with farmers all over the world, we have spent the last three generations creating machines that make any farmland find its full potential. The high quality Väderstad planters, seed drills and tillage equipment give farmers a head start by covering more ground in shorter time without losing perfection.

Together we make you an even more successful farmer.

History of innovation

Wishek Steel and Manufacturing was founded in 1969 by Harley and Carol Brandner as a welding, repair, and custom manufacturing shop. In 1972, with business increasing, a new and more modern facility was constructed in the southwest part of Wishek, North Dakota. With the arrival of the famous “Wishek Disc,” that building was also expanded in size to accommodate the increased business and additional people needed.

Over the years, the company continued to grow. In 1988, Wishek Steel purchased the feed and forage line of equipment from Balzer Manufacturing. Then,

in 1992, it purchased the entire ag line of tillage equipment from Miller Weeder Corporation. In 2015, Wishek tillage equipment manufacturing was moved to Wahpeton, North Dakota, to be built alongside the Wil-Rich and Concord brands of equipment.

Finally, in 2021, the Wishek line of equipment and sister brands Wil-Rich and Concord were purchased by Väderstad AB of Sweden. Väderstad’s colorful history dates back to the early 60s, and has ever since been characterized by an entrepreneurial spirit, the creation of ingenious farm machinery, and a strong drive to rationalize farming methods.



The company, now known as Väderstad Inc., will continue to innovate and provide the high-quality products and levels of service and support that the Wishek name has been known for in the quest to be the world’s leading partner for an outstanding emergence.

“It is very inspiring that the cousins in the third generation are so involved in the company. My father said to me when I became a shareholder, ‘We have started to roll the snowball; now it is up to you to keep it rolling.’ The ‘snowball’ is now larger than when I started, but still we have only scratched the surface of our potential, and there is still much to be done,” says Crister Stark, Chairman of the Board.

To ensure long term ownership, the nine cousins Stark and Gilstring, are shareholders together with Crister, Christina, Andreas and Bo Stark. This means that Väderstad Group now has 13 shareholders.

Väderstad’s ambition is to keep the ownership in the family with the goal set on continuous profitable growth. Our business idea will remain the same: To supply modern agriculture with highly efficient machinery and methods.

Built for your operation

Wishek tillage equipment is built
for the most demanding conditions.





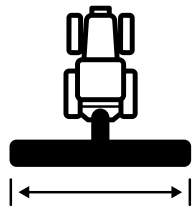
842N - Offset Disc

For those who prefer to use an offset disc, Wishek offers a time-tested design, backed by a long-standing reputation for durability. Not only are Wishek Offset Discs the most reliable on the market, but they're also the heaviest and lowest maintenance. With approximately 1,000 pounds of weight per foot of implement (1,488 kg/m), the Wishek Offset Disc has the ability to penetrate even the most demanding soil conditions.

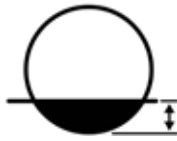


Blade, Bearing and Spool Scrapers

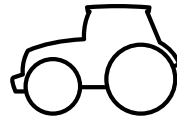
The Offset Disc comes standard with specialized scrapers for the blades, bearings and spools. These scrapers help optimize performance of the disc by keeping the gangs free of mud build-up.



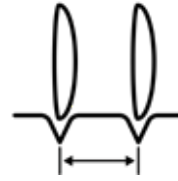
11.5-17.9 ft
(3.5-5.5 m)



7.5 in max
(19.1 cm)



135-235 hp



11 in
(27.9 cm)

Known for durability



Spring-Cushioned Gangs

When a blade strikes a solid object such as a rock, it travels in an arc of 6 in (152 mm) rearward and 6 in (152 mm) upward for a total of 12 in (305 mm), letting it travel over and avoid damage from impact with that object.



Multiple Blade Options

Choose from 28- to 30-in-diameter (71.1-76.2 cm) smooth or notched blades, according to your needs.

Rear Feathering Blades

To help create an even soil profile, the Offset Discs include feathering blades to remove ridges created by the front gangs.



Manual or Hydraulic Levelling Screws

The disc can be levelled front-to-back manually with levelling screws. A hydraulic option allows this task to be performed from the cab.



Optional 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.



Rear Hitch

A rear hitch allows finishing tools or other items to be towed behind the disc. Hydraulic and electronic extension packages are available to allow articulation of towed implements.



Heavy Tubular Frame

A 4 x 8 x 3/8 in (10.2 x 20.3 x 1 cm) tubular welded frame not only offers rugged durability, but it also helps provide the weight needed to penetrate tough ground.



Features

Standard Equipment

4 x 8 x .375 in (10.2 x 20.3 x 1 cm) Tubular Welded Frame
4 x 6 x .25 in (10.2 x 15.2 x 0.6 cm) Tubular Welded Hitch
Hydraulically Adjustable Running Gear
IF320/70R15 Tires w/8-Bolt Hubs
2,000 lb (907.2 kg) Hitch Jack
20,000 lb (9,071.8 kg) Safety Chain
Hydraulic Hose Holder
Hazard & Brake Lighting/SMV Kit

Levelling Components

Manual or Hydraulic Levelling Screws

Implement Hitches

CAT 4 or 5

Gangs

11 in (27.9 cm) Blade Spacing
28-30 in (71.1-76.2 cm) Smooth or Notched Blades
Spring Cushioned
Angle Adjustment
1.938 in (4.9 cm) Shafts
Tightening Wrenches
214 Series Re-Lube Bearings
Blade, Bearing, & Spool Scrapers
Rear Feathering Blades
Optional Bearing Guards

Rear Hitch Options

CAT 0 or Clevis
Hydraulic & Electronic Extension Packages

Specifications

	842N-10	842N-12	842N-14	842N-16	842N-18
Working width, ft (m)	11.5 (3.5)	12.67 (3.9)	14.5 (4.4)	16.17 (4.9)	17.92 (5.5)
# of bearings	6F, 4R	6F, 4R	7F, 6R	9F, 8R	9F, 8R
# of blades	12F, 13R	14F, 15R	16F, 17R	18F, 19R	20F, 21R
Transport width, ft (m)	12.58 (3.9)	14.33 (4.4)	15.25 (4.4)	17.83 (5.5)	19.58 (6)
Transport height, ft (m)	7 (2.1)	7 (2.1)	7 (2.1)	7 (2.1)	7 (2.1)
Weight per blade, lbs (kg)	441 (200)	433 (196)	419 (190)	398 (181)	372 (169)
Weight per foot, lbs (kg)	1,003 (455)	991 (450)	954 (433)	911 (413)	851 (386)
Approx. weight, lbs (kg)	11,029 (5,003)	12,550 (5,693)	13,830 (6,273 kg)	14,720 (6,677)	15,248 (6,916)
Approx. horsepower requirement	135-165	155-165	175-190	195-210	215-235

842-862NT - Tandem Disc

Whether breaking sod, turning over heavy residue or performing any other job requiring a heavy disc, count on the industry's workhorse — the Wishek Tandem Disc. Weighing in at approximately 1,000 pounds per foot of implement (1,488 kg/m), the Wishek Tandem Disc performs in some of the toughest ground conditions. And its durable design has a reputation for lasting many years.



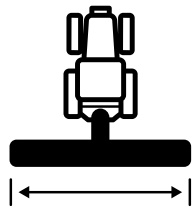
Blade, Bearing and Spool Scrapers

The Tandem Disc comes standard with specialized scrapers for the blades, bearings and spools. These scrapers help optimize performance of the disc by keeping the gangs free of mud build-up.



Manual or Hydraulic Levelling Screws

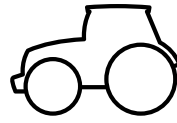
The disc can be levelled front-to-back manually with levelling screws. A hydraulic option allows this task to be performed from the cab.



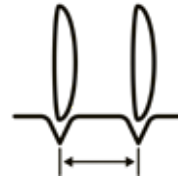
14.3-39 ft
(4.4-11.9 m)



7.5 in max
(19.1 cm)

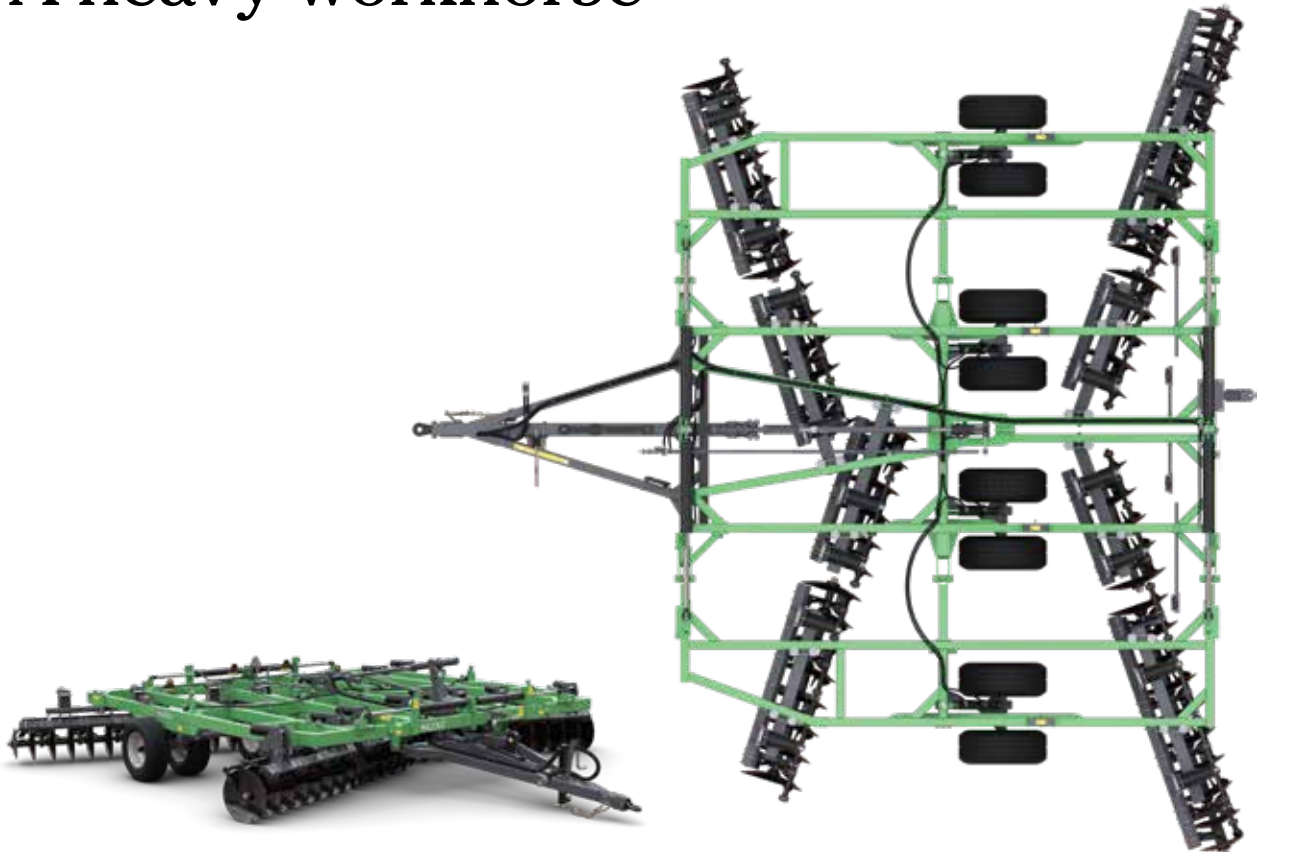


170-510 hp



11 in (27.9 cm) **842NT**
13 in (33 cm) **862NT**

A heavy workhorse



Spring-Cushioned Gangs

When a blade strikes a solid object such as a rock, it travels in an arc of 6 in (152 mm) rearward and 6 in (152 mm) upward for a total of 12 in (305 mm), letting it travel over and avoid damage from impact with that object.



Rear Feathering Blades

To help create an even soil profile, the Tandem Discs include feathering blades to remove ridges created by the front gangs.

Specifications

	842NT-22F	842NT-24F	842NT-26F	842NT-30F	842NT-34F	842NT-38F
Working width, ft (m)	22.83 (7)	24.85 (7.5)	26.33 (8)	29.75 (9.1)	33.25 (10.1)	38.5 (11.7)
# of bearings	12F, 10R	12F, 10R	12F, 12R	14F, 14R	16F, 18R	18F, 20R
# of blades	24F, 26R	26R, 28F	28F, 30R	32F, 34R	36F, 38R	42F, 44R
Transport width, ft (m)	13.92 (4.2)	13.92 (4.2)	14.83 (4.5)	17.17 (5.2)	15.83 (4.8)	15.83 (4.8)
Transport height, ft (m)	12.83 (3.9)	13.5 (4.1)	14.17 (4.3)	15.5 (4.7)	15.75 (4.8)	17.75 (5.4)
Weight per blade, lbs (kg)	545 (247)	516 (234)	500 (227)	476 (216)	509 (231)	540 (245)
Weight per foot, lbs (kg)	1,193 (541)	1,133 (514)	1,102 (500)	1,058 (480)	1,135 (515)	1,151 (522)
Approx. weight, lbs (kg)	27,236 (12,354)	27,842 (12,629)	29,024 (13,165)	31,482 (14,280)	37,737 (17,117)	44,300 (20,094)
Approx. horsepower requirement	275-300	295-320	315-340	360-390	400-430	460-500

	862NT-14	862NT-16	862NT-22F	862NT-26F	862NT-30F	862NT-34F	862NT-38F
Working width, ft (m)	14.33 (4.4)	16.33 (5.0)	22.5 (6.6)	26.67 (8.1)	30.75 (9.4)	34.92 (10.6)	39 (11.9)
# of bearings	6F, 6R	6F, 6R	10F, 10R	12F, 10R	14F, 12R	16F, 14R	18F, 16R
# of blades	12F, 14R	14F, 16R	20F, 22R	24F, 26R	28F, 30R	32F, 34R	36F, 38R
Transport width, ft (m)	15.92 (4.6)	18.42 (5.6)	13.92 (4.2)	14.83 (4.5)	17.17 (5.2)	16 (4.9)	16 (4.9)
Transport height, ft (m)	7 (2.1)	7 (2.1)	12.83 (3.9)	14.17 (4.3)	15.83 (4.8)	15.75 (4.8)	17.75 (5.4)
Weight per blade, lbs (kg)	507 (230)	457 (207)	643 (292)	579 (263)	554 (251)	571 (259)	587 (266)
Weight per foot, lbs (kg)	920 (417)	840 (381)	1,200 (544)	1,085 (492)	1,045 (474)	1,080 (490)	1,113 (505)
Approx. weight, lbs (kg)	13,183 (5,980)	13,716 (6,222)	27,011 (12,252)	28,939 (13,127)	32,133 (14,575)	37,711 (17,105)	43,424 (19,697)
Approx. horsepower requirement	170-185	200-215	260-280	320-345	370-400	420-450	470-510

Heavy Tubular Frame

A 4 x 8 x 3/8 in (10.2 x 20.3 x 1 cm) tubular welded frame not only offers rugged durability, but it also helps provide the weight needed to penetrate tough ground.



Rear Hitch

A rear hitch allows finishing tools or other items to be towed behind the disc. Hydraulic and electronic extension packages are available to allow articulation of towed implements.



Optional 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.



Features

842NT Tandem Disc

Standard Equipment

4 x 8 x .375 in (10.2 x 20.3 x 1 cm) Tubular Welded Frame
4 x 6 x .25 in (10.2 x 15.2 x 0.6 cm) Tubular Welded Hitch
Hydraulically Adjustable Running Gear
VF385/65R22.5 Tires w/8-Bolt Hubs (22-30 ft Mainframe & 22-38 ft Wings) (6.7-9.1 m Mainframe & 6.7-11.6 m Wings)
VF385/65R22.5 Tires w/10-Bolt Hubs (34-38 ft Mainframe) (10.4-11.6 m Mainframe)
12,000 lb (5,443.1 kg) Hitch Jack
40,000 lb (18,143.7 kg) Safety Chain (22-30 ft) (6.7-9.1 m)
80,000 lb (36,287.4 kg) Safety Chain (34-38 ft) (10.4-11.6 m)
Hydraulic Hose Holder
Hazard & Brake Lighting/SMV Kit

Levelling Components

Manual or Hydraulic Levelling Screws
Optional Single Point Depth Control

Implement Hitches

CAT 4 or 5

Gangs

11 in (27.9 cm) Blade Spacing
28-30 in (71.1-76.2 cm) Smooth or Notched Blades
Spring Cushioned
Angle Adjustment
1.938 in (4.9 cm) Shafts
Tightening Wrenches
214 Series Re-Lube Bearings
Blade, Bearing, & Spool Scrapers
Rear Feathering Blades
Optional Bearing Guards

Rear Hitch Options

CAT 0 or Clevis
Hydraulic & Electronic Extension Packages

862NT Tandem Disc

Standard Equipment

4 x 8 x .375 in (10.2 x 20.3 x 1 cm) Tubular Welded Frame
4 x 6 x .25 in (10.2 x 15.2 x 0.6 cm) Tubular Welded Hitch
Hydraulically Adjustable Running Gear
IF320/70R15 Tires w/8-Bolt Hubs (14-16 ft Mainframe) (4.3-4.9 m Mainframe)
VF385/65R22.5 Tires w/8-Bolt Hubs (22-30 ft Mainframe & 22-38 ft Wings) (6.7-9.1 m Mainframe & 6.7-11.6 m Wings)
VF385/65R22.5 Tires w/10-Bolt Hubs (34'-38' Mainframe) (10.4-11.6 m Mainframe)
2,000 lb (907.2 kg) Hitch Jack
20,000 lb (9,071.8 kg) Safety Chain (14-16 ft) (4.3-4.9 m)
40,000 lb (18,143.7 kg) Safety Chain (22-30 ft) (6.7-9.1 m)
80,000 lb (36,287.4 kg) Safety Chain (34-38 ft) (10.4-11.6 m)
Hydraulic Hose Holder
Hazard & Brake Lighting/SMV Kit

Levelling Components

Manual or Hydraulic Levelling Screws
Optional Single Point Depth Control

Implement Hitches

CAT 4 or 5

Gangs

13 in (33 cm) Blade Spacing
30 in (76.2 cm) Smooth or Notched Blades
Spring Cushioned
Angle Adjustment
1.938 in (4.9 cm) Shafts
Tightening Wrenches
214 Series Re-Lube Bearings
Blade, Bearing, & Spool Scrapers
Rear Feathering Blades
Optional Bearing Guards

Rear Hitch Options

CAT 0 or Clevis
Hydraulic & Electronic Extension Packages

Y2000 - Construction Disc

The massive frame of the Wishek Y2000 Offset Disc is engineered to withstand the toughest conditions on the construction site. Its industry-leading blade size and high bearing-to-blade ratio is designed for superior reliability, helping get the job done on time. Additionally, it can be positioned on a trailer fully assembled for easy transport to and from the worksite.

Superior ground penetration



Heavy Tubular Frame

A 4 x 12 x 3/8 in (10.2 x 30.5 x 1 cm) tubular welded frame not only offers rugged durability, but it also helps provide the weight needed to penetrate tough ground.



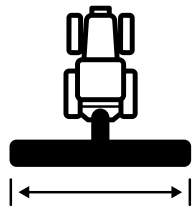
Large-Diameter Notched Blades

The large, 36-in-diameter (91.4 cm) notched blades are ideal for breaking up ground up to 9 in (22.9 cm) deep.



Blade Scrapers

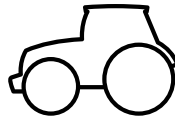
The Construction Disc comes standard with specialized scrapers for the blades, bearings and spools. These scrapers help optimize performance of the disc by keeping the gangs free of mud build-up.



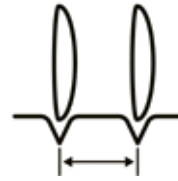
11.8 ft
(3.6 m)



9 in max
(22.9 cm)



>295 hp



18 in
(45.7 cm)

Features

Standard Equipment

4 x 12 x .375 in (10.2 x 30.5 x 1 cm) Tubular Welded Frame
 4 x 6 x .5 in (10.2 x 15.2 x 1.3 cm) Tubular Welded Hitch
 Hydraulically Adjustable Running Gear
 VF385/65R22.5 Tires w/10-Bolt Hubs
 2,000 lb (907.2 kg) Hitch Jack
 40,000 lb (18,143.7 kg) Safety Chain (22-30 ft) (6.7-9.1 m)
 Hydraulic Hose Holder
 Hazard & Brake Lighting/SMV Kit

Specifications

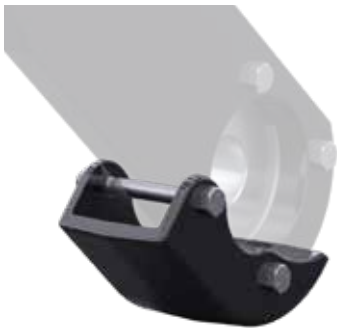
	Y2000-10
Cutting Width, ft (m)	11.8 (3.6)
# of bearings	8
# of blades	8F, 8R
Transport width, ft (m)	12.75 (3.9)
Transport height, ft (m)	8.33 (2.5)
Weight per blade, lbs (kg)	935 (424)
Weight per foot, lbs (kg)	1,273 (577)
Approx. weight, lbs (kg)	14,873 (6,746)

Levelling Components

Manual or Hydraulic Levelling Screws

Gangs

18 in (45.7 cm) Blade Spacing
 36 in (91.4 cm) Notched Blades
 Rigid Mounting
 Angle Adjustment
 2.75 in (7 cm) Shafts
 Tightening Wrenches
 315 Series Re-Lube Bearings
 Blade Scrapers
 Bearing Guards



Bearing Guards and Washers

To maximize reliability, the disc bearings are equipped with guards and washers, helping prevent dirt and other debris from entering.



Rigid Bearing Gangs

The rigid gangs are easily replaceable and offer years of dependable service.



Manual or Hydraulic Leveling Screws

The disc can be levelled front-to-back manually with levelling screws. A hydraulic option allows this task to be performed from the cab.

Reliable and durable farm machinery



*All machines are sold
with 12 months of
all-inclusive warranty. **

** Warranty to the first retail
purchaser, renter or lessee.*



*The following machines
are sold with 36 months
of coverage on main/
wing frames and shank
assemblies or rock
shafts as applicable:
483 Disk Chisel &
Field Cultivators.*

Wishek