

Alpha NH

Combine specifically for seed multiplication



Basic machine: New Holland TC 4.90
Headers: New Holland Original



wintersteiger.com/alpha-nh

Features:

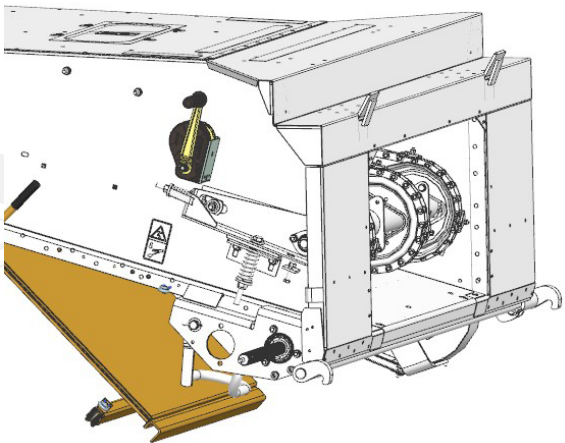
- **Powerful pneumatic seed transport system**
 - Gentle seed transport system with self-cleaning effect
- **Easy access for cleaning**
 - Special opening in the threshing area, inclined elevator shaft, and overload auger for easy cleaning of the combine
- **Optimized compressed air system**
 - 360 l compressed air accumulators
 - Compressed air connections and hose reels throughout the machine for quick cleaning
 - Connection for an external high-performance compressor for refilling the on-board pneumatics during cleaning
- **Simple grain tank cleaning**
 - Platform in grain tank for easy cleaning
 - Perfect accessibility for cleaning inside grain tank
 - Large cleaning openings at transition to overload auger
 - Entire grain tank cover can be opened
- **Optional Big Bag filling device**
 - Harvest directly into Big Bags – no need to clean grain tank
 - Big Bags lowered hydraulically when full
 - Crop varieties filled without mixing
- **Optional lighting system**
 - Lighting in the threshing/cleaning area for a better view during cleaning



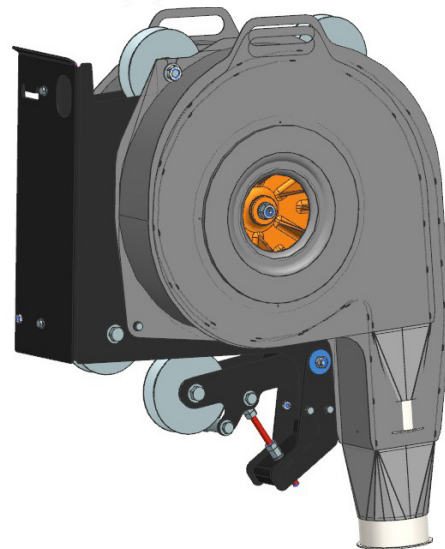
Big Bag filling device



360 l compressed air accumulators



Cleaning opening in the inclined elevator shaft



High-performance blower for pneumatic seed transport

Technical data

Basic machine and engine

Basic machine	New Holland TC 4.90
Drive	3-stage, hydrostatic drive
Engine	175 ps, four-cylinder, NEF4 Stage 5, water-cooled
Fuel tank	300 l (79.3 gal) Diesel tank
Speed	3-stage: 0 – 5,2 / 0 – 11,9 / 0 – 30 km/h
Ground clearance	300 mm (12")
Tires	Front: Standard = 620/75 R26 Rear: Standard = 400/70-20
External wheel width	Approx. 3.050 mm (120")
Wheel base	3,397 mm (133.7")
Turning radius	4,6 m (181.1")
Transport height (depends on tires)	min. 3,700 mm (145.7")

Concave

Surface	0,62m ²
Wrapping angle	111°
Number of bars	14
Concave adjustment	Electrical
Shaker	4 shakers, 6-speed
Cleaning wind adjustment	Electrical
Straw chopper	Straw chopper as an option

Standard optimizations

Cleaning openings	Underside of intake housing Threshing drum and preparation floor Unloading auger for grain tank
Additional air accumulators for compressed air	300 l additional 3x pneumatic hose with hose reel 3x air gun External filling connection for high-performance compressors
Pneumatic seed transport system	Patented grain-air separator with post-cleaning effect Gentle grain transport to prevent breakage
Grain tank	Platform in grain tank for easy cleaning Entire grain tank cover can be opened

Technical data

Grain collection and transport

Grain tank transport	Pneumatic seed transport
Grain tank	5000 l (142 bu) capacity
Unloading speed	72 (l/s)
Grain tank emptying height	3850 mm (151.6")

Dimensions

Max. length without picking header, with chopper	Approx. 8,300 mm (326.8")
Width	Approx. 2,943 mm (115.9")
Weight	Approx. 3,700 mm (145.7")

Big Bag system options

Hydraulic Big Bag lift	800 kg lifting capacity • 1,000 mm lifting height • Variable hook dimensions
Big Bag handling	No loader required to safely unload Big Bag when full
Transport	Hooks with folding design to reduce maximum width
Fill level monitoring	Camera system
Big Bag dimensions	Variable lifting heights to adapt to different Big Bag dimensions
Safety	Mechanical stabilizer to prevent unwanted swaying of Big Bag
Grain logistics	Two-way gate in pneumatic grain transport system: • Option of transporting harvested material into grain tank or • Filling Big Bag

Interior lighting system options

Interior lighting system	Powerful LED lights • Critical areas illuminated
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