

# ***HORSCH***

*Horsch Sprinter 12NT & 18NT*



# Horsch Sprinter 12NT and 18NT

## Precise Depth Control

### Sprinter Advantages:

- Easy servicability
- Very few wear points throughout the machine
- Only greasable point located on the transport wheels and wing fold
- Proven oil filled bearing design on press wheels
- Precise depth control
- Even coverage of seeds
- Optimal seed to soil contact by aligning packing system with openers.
- Controlled traffic ready
- Individual depth control on each tyne
- Proven oil filled bearing design on cutting coulters

### Benefits:

- Total shanks controlled by several cylinders instead of one per shank. Less hosing, plumbing, and margin of error for serviceability in the future.
- There are no bushings, shims, or other wear points on the shanks. All are mounted with durable rubber torsion.
- Easy depth adjustment on shanks and coulters
- Instantaneous terrain response for the opener/shank due to the rubber torsion system.
- Fewest wear points of any seeding bar available today
- Coulters controlled with several cylinders also on a rubber torsion arm. No wear points other than the blade itself. Easy adjustment.
- Active adjustable wing down pressure set from monitor
- Large flotation tyres on 3 metre spacings, steerable hitch and front axle, means it runs on the tram lines at all times on both centre section and wings
- Either the 12,000ltr, 17,000ltr or 21,000ltr cart can be used, tow between or tow behind
- Simple high capacity air system, two 5.5" tubes, smooth transition with accurate distribution.

Sprinter	12 NT	18 NT
Working Width	12m	18m
Transport Width	6.12m	6.23m
Transport Height	4.68m	4.66m
Length without Air Cart	9.5m	9.5m
Length with SW 12,000 Air Cart	17m	17m
Length with SW 17,000 Air Cart	17.2m	17.2m
Length with SW 21,000 Air Cart	18.5m	18.5m
Weight without Air Cart	14,000kg	17,400kg
Weight with SW 12,000 Air Cart	18,500kg	21,900kg
Weight with SW 17,000 Air Cart	19,200kg	23,600kg
Weight with SW 21,000 Air Cart	19,850kg	24,250kg
Tyne spacing (cm/inch)**	25 cm / 10" - 30 cm / 12" - 37.5 cm / 15"	
Number of tynes	49 - 41 - 33	73 - 61 - 49
Tyre size, chassis & support wheels	400 / 60 - 22.5	
Operating speed (km/h)	7-10	
Power demand (KW/HP)	220 - 260 / 300 - 350	330 - 370 / 450 - 500
Double-acting control devices	3	4
Oil quantity, hydr. fan (l/min)	45-50	70-90
	Bolt ø 5-50-55 mm	



EASY ADJUSTMENT  
PRESS WHEELS

TUNGSTEN  
CARBIDE POINTS

MAINTENANCE FREE  
3 RANK TYNES SYSTEM

The Sprinter is a robust, compact and multifunctional tyne seed drill available in working widths from 12 to 18m.

Due to the coulter it is possible to sow, fertilise and at the same time cultivate the soil effectively as well as produce fine soil in the area where the seed is placed – all in one pass.

The Sprinter tynes effectively remove harvest residues from the seed horizon. With a large-capacity air cart the Sprinter is a high hectare output machine.

The tynes of the Sprinter are arranged in three rows with a tyne spacing of 10", 12" and 15".

They prepare the seedbed in an optimal way. as with a cultivator tyne the soil is loosened, levelled, mixed and packed.

The Sprinter NT with 12 and 18 metre working width stands for maximum efficiency.

The HORSCH NT tyne technology allows for a fine earth in the seed row and for the placement of the seed in a so-called "gentle furrow".

The tyne forms a furrow and removes lumps and organic material from the seed zone. The seed is placed into this furrow and firmed in the wet soil by the press wheel.

Thus, very good emergence is achieved even under extreme climatic conditions. Sowing is possible into cultivated as well as into uncultivated soil.

The seed drill is ideal for no-till farming.

The Sprinter 18 NT achieves maximum efficiency and the corresponding air cart SW 12,000, SW 17,000 or 21,000 litre bin

Third tank option also available with a 17,000 and 21,000 litre



**MAINTENANCE FREE RUBBER TORSION SYSTEM**



**SEED/FERTILISER FLOW SENSORS**



**HYDRAULIC 20 INCH CUTTING CULTURES**



**ADJUSTABLE HYDRAULIC DOWN PRESSURE FROM TERMINAL**

# HORSCH

# AIR CARTS *(also liquid option)*

	SW 12000 SD	SW 17000 SD	SW 17003 SD	SW 21000 SD
Length (m)	7.50	7.70	7.70	9.00
Weight (kg)*	4,500	5,200	5,400	5,850
Hopper capacity (l)	12,000	17,000	17,000	21,000

Dimensions of feed openings (m) 0.60 m x 0.90 m each (bin lid dimensions)

Filling height (m)	3.40	3.55	3.55	3.55
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Chassis	Single wheels 650/65 R 38 Dual wheels 520/85 R 42	Single wheels 900/60 R 32 / dual wheels 520/85 R 42 / power tracks (contact area 2.56 m x 0.91 m)		
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