



AGRICULTURAL MACHINERY

sitrex[®]

HEAVY DUTY RAKES HDY 16



The HDY Series Heavy Duty Rake has an extremely robust structure, as regards both the wings and the drawbar.

All frame components have flexible couplings, allowing maximum machine adjustment for rough and difficult terrains. The rear part of the machine makes it possible to form a wide windrow with abundant hay or to form two windrows side by side. Windrow widths from 45" to 78" can be obtained.

The rake wheel arms and hubs are equipped with heavy duty taper roller bearings for extra-long life.

The rake wheels have extra heavy duty tine with a 3/8" (9 mm) diameter. Plus, the rake wheel is equipped with a guard in front, which allows the hay to slide better and to form better windrows.

Using this rake wheel makes particularly accurate and gentle hay raking possible, even with heavy crops such as winter forage.

All machine movements, such as the opening and closing of the rake wings, the opening and closing of the rear windrow-forming crosspiece and the rake wheel lifting system, are made by means of a hydraulic system controlled from the tractor.

The hydraulic cylinders that control the opening and closing of the wings and of the rear windrow-forming crosspiece are equipped with locking valves, for keeping the windrow width uniform during operation.

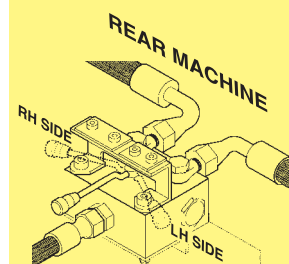
In addition, if there is a rupture in the hydraulic lines, the machine will remain in the same position in which it has been set.



SPECIFICATIONS

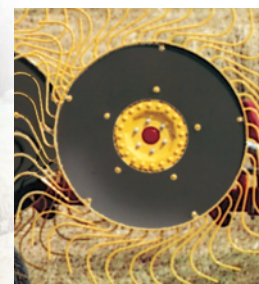
Type of machine		HDY/16
Number of finger wheels	n.	16
Number of tines for wheels	n.	40
Wheel diameter	mm - inches	1400-55"
Tines diameter	mm - inches	9 - 3/8"
Transport width	m - feet	3 - 10'
Transport length	m - feet	10 - 33'
Working width	m - feet	up to 9,1 - 30'
Windrows width	mm - inches	1200 - 2000 - 45" - 78"
Operating speed	km/h - Mph	22.5 - 14
Wing flex	mm - feet	900 - 3' up or down
Raking wheel hubs		taper roller bearings
Total number and size of wheel		8 - 205/75 - 15
Tandem wheels		STANDARD
Rear opening kit, hydraulic		STANDARD
Center kicker wheel		OPTIONAL
Single side opening kit		OPTIONAL
Minimum power required	kW - HP	50 - 70
Weight	kg - Lbs	2950 - 6500

OPTIONAL



SINGLE SIDE OPENING KIT

Makes it possible to work with just one side of the machine (right or left) by shifting the lever to the right or to the left. With the lever in the center position, the rake operates normally, opening and closing both wings.



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