

# PRO 17 RAKE



10

## 10 \_ PRO/17 Raking Tine

This sturdy tine allows a perfect lifting of the hay on any type of ground.



11

## 11 \_ Windbreak

A particularly precise design allows for the hay to slide easily with only the slightest friction.



## SPECIFICATIONS

|                                |                              |
|--------------------------------|------------------------------|
| NUMBER OF WHEELS               | 17                           |
| WHEEL DIAMETER                 | 60"                          |
| TEETH PER WHEEL                | 36                           |
| TEETH                          | rubber mounted in a set of 2 |
| TRANSPORT WIDTH                | 12'3"                        |
| TRANSPORT LENGTH               | 28'3"                        |
| MAXIMUM RAKING WIDTH           | 29'                          |
| MAXIMUM FINISHED WINDROW WIDTH | 72"                          |
| RAKE WHEEL HUBS                | tapered bearing              |
| TIRES                          | 161x205x21.5                 |



# PRO 17 RAKE







### SPEED AND QUALITY HARVESTING HAY

The SITREX PRO/17 wheel rake is the best on the market for raking both green and dry hay, hay residue from all kinds of plants, etc. It is also suitable for large, voluminous and heavy harvests. They are made for use at a high operating speed over any terrain and for all types of fodder, always guaranteeing excellent quality work. A kit is available for transforming the PRO/17 into a PRO/19 rake.



1



2



3

### 1/2/3 \_ Control Board and electro-hydraulic valves assembly

Alli PRO/17 operating functions are carried out from a control board to be placed in the cabin. The control board is fed by the 12 V, D.C. tractor battery through the relevant cable. It must also be connected to the feeding cable of the machine's electro-hydraulic group through a multiple plug which is easy to connect and disconnect. This allows to open and close the rake crosspiece (frame), adjust the angle of the raking sections separately on the right and on the left side, to lift and lower the raking wheels separately on the right and on the left side and to lift or lower them simultaneously on both sides by simply pressing the control board keys, which in turn activate the relevant valves to which they are connected. The valve group also contains an open-closed selector which adapts to various hydraulic circuits in the tractors with no need to remove or add any devices.



4



5

### 4-5

A simplified version is available that allows you to eliminate the electrical system and to operate the machine with four hoses that go directly to the cylinders for the crosspiece (frame) and for lifting the rake wheels. Two manually operated tie-rods replace the angle cylinders. They are positioned on a plate with holes which allows the machine to be angled from 0° to 35°, like with the cylinders. Another version has six hoses that go directly to the cylinders for the crosspiece (frame), the rake wheel lifting cylinders and the angle cylinders. The electrical system is eliminated also in this version.



6

### 6

A stop with a safety bolt attached to the sections at each rake wheel lifting arm ensures the stability of the rake wheels during transport. This system also protects the rake wheel lifting arms from accidental knocks and blows while working, since it has been dimensioned so that the safety bolt snaps before the arms get bent.

### 7 \_ Walking beams

Walking beams allow fast operation in irregular fields and easy road transport.



7

### 8 \_ Adjusting the wheel spring pressure, adjusting height

Each wheel can be regulated with the correct pressure on the ground through an adjustable rod connected to the relevant spring. A chain adequately anchored to the wheel lifting bar and to the wheel arm ensures a preset and sure stop to the wheel descent towards the ground. All these adjustments are individual for each single wheel. It is also possible to adjust all wheels on each side by operating an adjustable sleeve located on the wheel lifting cylinders.



8

### 9 \_ Sliding crosspieces (sliding frame)

A central frame made of double-section structural pipes stabilizes the machine frame in irregular fields. Fully open frame allows for 29' raking width.



9