



| SPECIFICATIONS   | SERIES MILLENNIUM    |                      |                      | SERIES DOMINATOR     |                      |
|--|----------------------|----------------------|----------------------|----------------------|----------------------|
|  | V16 - 4GW            | V18 - 7GW            | V20 - 7GW            | V12 4GW              | V14 4GW              |
| Finger wheels  | 16                   | 18                   | 20                   | 12                   | 14                   |
| Finger wheel diameter                                    | 55" (140 cm)         | 55" (140 cm)         | 55" (140 cm)         | 55" (140 cm)         | 55" (140 cm)         |
| Tine diameter  | 7 mm                 | 7 mm                 | 7 mm                 | 7 mm                 | 7 mm                 |
| Tractor horsepower                                       | 40 Hp (29,8 kW)      | 60 Hp (44 kW)        | 60 Hp (44 kW)        | 30 Hp (22 kW)        | 30 Hp (22 kW)        |
| Maximum working width                                    | 32' (9,60 m)         | 35' 4" (10,60 m)     | 39' (11,70 m)        | 25' (7,50 m)         | 28' 4" (8,50 m)      |
| Windrow width adjustment                                 | 3 to 6' (90 -180 cm) | 3 to 6' (90 -180 cm) | 3 to 6' (90 -180 cm) | 3 to 6' (90 -180 cm) | 3 to 6' (90 -180 cm) |
| Transport width  | 10' (3,00 m)         | 10' (3,00 m)         | 10' (3,00 m)         | 8' (2,50 m)          | 8' (2,50 m)          |
| Recommended working speed                                | 14 mph (22 km/h)     | 14 mph (22 km/h)     | 14 mph (22 km/h)     | 14 mph (22 km/h)     | 14 mph (22 km/h)     |
| Weight (standard version)                                | 4674 lb (2120 Kg)    | 5588 lb (2,540 Kg)   | 5808 lb (2,640 Kg)   | 3386 lb (1,530Kg)    | 3564 lb (1,620Kg)    |
| Tires  | n. 4 205/65x15       | n. 7 205/65x15       | n. 7 205/65x15       | n. 4 205/65x15       | n. 4 205/65x15       |
| Minimum hydraulic requirements                           | 1000 psi (68,95 bar) | 1000 psi (68,95 bar) | 1000 psi (68,95 bar) | 1000 psi (68,95 bar) | 1000 psi (68,95 bar) |
| <b>OPTIONAL</b>  |                      |                      |                      |                      |                      |
| Center kicker wheels                                     | ●                    | ●                    | ●                    | ●                    | ●                    |
| Wind shields   | ●                    | ●                    | ●                    | ●                    | ●                    |
| Lighting kit   | ●                    | ●                    | ●                    | ●                    | ●                    |
| 5 <sup>th</sup> -6 <sup>th</sup> front ground wheels kit | ●                    | included             | included             | ●                    | ●                    |

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**DOMINATOR V 14** working width 28' 4" (8.50 m) - windrowing silage

The Dominator Series is available in two versions:

- V12 with 12 rake wheels and maximum working width of 25' (7.50 m)
- V14 with 14 rake wheels and maximum working width of 28' 4" (8.50 m)

Like the Millennium Series, the Dominator is equipped with a "V" shaped frame at the same time very sturdy and also flexible that allows the rake to adapt itself to all kinds of terrain, including inclines and hilly conditions.

The Dominator is the perfect machine for both small and large farms thanks to its lower purchase price and low operating costs.

The Dominator is the ideal machine to windrow all kinds of forage, from the more delicate crops like Alfalfa to heavy silage.

Even for the Dominator field readiness is easy and fast thanks to a new hydraulic mechanism that opens the rake and at the same time shortens the central drawbar by 5' 7" (1.70 m) providing high maneuverability.

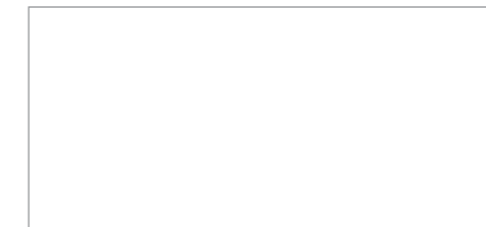
Tonutti also offers on demand a version with an advanced hydraulic self-steering mechanism that further improves raking capabilities and maneuverability in tight spaces.

**PULL TYPE HAY RAKES DOMINATOR SERIES ARE IDEAL FOR:**

- High forage volumes
- Delicate forage like Alfalfa
- Heavy silage
- Working on irregularly shaped fields and inclines



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Easy and fast road transport. Transport width 8' 4" (2.50 m).


**New self-steering mechanism** lets the rake perfectly follow the tractor enhancing maneuverability and allowing for tight steering.


**MILLENNIUM V20 - 39' (11.70 m) - on silage**
**MILLENNIUM V20 - 39' (11.70 m) - on straw**

**The Dominator and Millennium Series** are part of the new generation of Tonutti wheel rakes. These machines have been specifically designed for medium/large operations and contractors and their main feature is the high working capability with working widths that go from 25' (7.50 m) to 39' (11.70 m).

**HIGHER PERFORMANCE OPPOSED TO ROTARY RAKES**

- ♦ **Higher speed.** Even more than 22km/h. No PTO.
- ♦ **Softer and cleaner windrow.** Each rake wheel works independently and adapts vertically to the terrain. The flexible tines filter dirt and stones.
- ♦ **Higher forage quality.** The rake wheels gently move delicate forage (like Alfalfa), without damaging the leaves and preserving all the high nutritional value.

**MUCH LOWER COSTS OPPOSED TO ROTARY RAKES**

- ♦ **Low purchase price**
- ♦ **Extremely low maintenance costs** because without complex and costly parts like cams, transmissions, PTO's, etc.,
- ♦ **Time-saving** thanks to fast field work readiness and high working speed.
- ♦ **High fuel saving** because powerful tractors are not required (e.g. for the Millennium V20, with 39' (11.70 m) working width, a tractor from 40hp to 60hp is sufficient).
- ♦ **Long operating life** compared to rotary rakes with more complex and costly components.

**The Millennium Series** is available in three versions:

- **V16** with 16 rake wheels and 4 tires - maximum working width of 32' (9.60 m)
- **V18** with 18 rake wheels and 7 tires - maximum working width of 35' 4" (10.60 m)
- **V20** with 20 rake wheels and 7 tires - maximum working width of 39' (11.70 m)

The Millennium is the series with the largest Tonutti rakes. The flexible and at the same time tough frame (Tonutti patent), the incredible ease in operations make this the ideal machine for working in all conditions and on the most diverse terrain, including inclines and hilly conditions. The result is always a soft and clean windrow, without dirt or stones.

The Millennium is the ideal machine to windrow all types of forage, including delicate forage like Alfalfa and even heavy silage. The Millennium is the best solution to windrow straw in rough terrain.

**The Millennium Series is the perfect solution to make large and uniform windrows for big baler operations.**

Field work readiness is easy and fast thanks to a new hydraulic mechanism that opens the rake and at the same time shortens the central drawbar by 5' 7" (1.70 m) providing high maneuverability.

Tonutti also offers on demand a version with an advanced hydraulic self-steering mechanism that further improves raking capabilities and maneuverability in tight spaces.

**PULL TYPE HAY RAKES MILLENNIUM SERIES ARE IDEAL FOR:**

- **High forage volumes**
- **Delicate forage like Alfalfa**
- **Heavy silage**
- **Straw**
- **Working on rough terrain**
- **Working on inclines and hilly terrain**

**The rake wheels** mount tines made of special steel especially designed to give the tine maximum flexibility. The result is a compact and well formed windrow without dirt and ideal for baler processing and for a high quality end product.



**Rake wheels independently springloaded** ensure high adaptability to all terrain conditions.



**Windrow width adjustment** made fast and easy by setting the last two rake wheels. On the Millennium Series, the last two rake wheels are positioned on the back of the rear frame (see picture). On the Dominator Series, the last two rake wheels are positioned inside the "V" frame and are adjusted with the simple turn of a crank.



**Adjustable brakes** for pivoting wheels for safe and fast road transport.



**Independent and flexible side frames** ensure perfect adaptability to all kinds of hilly and uneven terrain (only on Millennium V18 V20 models).



**Length shortens:** When the Millennium rake is opened the front drawbar slides inside the central drawbar moving the rake towards the tractor and reducing the overall length by 5' 7" (1.70 m). The drawbar slides on nylon pads that do not require lubrication.



**Kit with 5<sup>th</sup> and 6<sup>th</sup> front wheel (Optional)** for a better and more stable performance on rough terrain.


**OPTIONALS**

**a. CENTER SPLITTER WHEELS** to equally divide the central windrow to increase dry-down time and to prevent the need to run your baler pickup in the ground.



**b. WIND PANELS** Make raking operations easier in windy conditions or with short crop, avoiding that forage or straw wrap or pass through the rake wheels and always improve the rearward flow of the product.



**c. LIGHT KITS** for a better visibility and safety on road.



**1 DISENGAGE THE FRONT SAFETY TRANSPORT BARS** and position them on the specific space provided on the sideframes.



**2 CONNECT HYDRAULIC TUBES.**



**3 SET THE PRESSURE OF THE RAKE WHEELS** with the cranks on each side.



**4 SET THE WINDROW WIDTH** by positioning the last two rake wheels at the desired angle by means of a simple crank.



By adjusting the angle of the rear rake wheels, it's possible to move the windrow by approx. 50 cm to the right or to the left and therefore reduce the distance between windrows.

