

# TSR600

Walk-behind twin-drum vibratory roller

Chain drive + mechanical clutch | Electric start with battery



## TSR600H

Honda GX390 / 13 HP



## TSR600D

KAMA 186 / 8 kW

**30 kN**  
CENTRIFUGAL FORCE

**70 Hz**  
VIBRATION FREQUENCY

**600 mm**  
DRUM WIDTH

### Available configurations

| Option         | Engine          | Starting battery |
|----------------|-----------------|------------------|
| TSR600H        | Honda GX390     | Included         |
| TSR600D        | KAMA 186        | Included         |
| Without engine | Engine excluded | Included         |

**H/D powered versions:** net weight 550 kg | operating weight 600 kg | gross weight 600 kg

OEM customisation: machine colour, logo, nameplate, manual and wooden-case markings.

# Technical specifications

TSR600H gasoline and TSR600D diesel configurations

| Specification                | TSR600H         | TSR600D         |
|------------------------------|-----------------|-----------------|
| Engine                       | Honda GX390     | KAMA 186        |
| Fuel type                    | Gasoline        | Diesel          |
| Engine power                 | 13 HP           | 8 kW            |
| Starting system              | Electric start  | Electric start  |
| Starting battery             | Included        | Included        |
| Net weight (kg)              | 550             | 550             |
| Operating weight (kg)        | 600             | 600             |
| Gross weight (kg)            | 600             | 600             |
| Engine shaft diameter (mm)   | 25              | 25              |
| Engine type / cylinders      | Four-stroke / 1 | Four-stroke / 1 |
| Engine speed (rpm)           | 3600            | 3600            |
| Drive system                 | Chain drive     | Chain drive     |
| Clutch                       | Mechanical      | Mechanical      |
| Vibrating drums              | Front and rear  | Front and rear  |
| Drum width (mm)              | 600             | 600             |
| Drum diameter (mm)           | 426             | 426             |
| Centrifugal force (kN)       | 30              | 30              |
| Vibration frequency (Hz)     | 70              | 70              |
| Vibration amplitude (mm)     | 0.6             | 0.6             |
| Static line load (N/cm)      | 45              | 45              |
| Travel speed (km/h)          | 0-4             | 0-4             |
| Theoretical gradeability (%) | 30              | 30              |
| Full width (mm)              | 780             | 780             |
| Length, handle flat (mm)     | 2480            | 2480            |
| Height, handle upright (mm)  | 1820            | 1820            |
| Sprinkling system            | Gravity-fed     | Gravity-fed     |
| Water tank (L)               | 20              | 20              |
| Hydraulic tank (L)           | 18              | 18              |

**Engine fitment:** 25 mm shaft diameter. Engines with a 25.4 mm shaft are not compatible.

# Wooden-case packing

Export packing and custom shipping marks



Wooden-case construction



Export wooden cases

| Packing specification          | TSR600H / TSR600D    |
|--------------------------------|----------------------|
| Standard packaging             | Wooden case          |
| Packing dimensions (L x W x H) | 1300 x 840 x 1050 mm |
| Package volume                 | 1.1466 m3            |
| Net weight / gross weight      | 550 kg / 600 kg      |

## OEM packaging

Wooden-case shipping marks and branding can be specified to match your order. Machine colour, logo, nameplate and operation manual can also be customised.

Packing photos illustrate the wooden-case format.

# Ordering & support

OEM supply and documentation support

## Commercial terms

| Commercial terms | Details                                                |
|------------------|--------------------------------------------------------|
| Delivery term    | FOB Shanghai port                                      |
| Minimum order    | 1 unit                                                 |
| Lead time        | 7-30 days                                              |
| Payment          | 30% T/T in advance; 70% against copy of bill of lading |
| Warranty         | 1 year, excluding wearing parts                        |

## OEM options

OEM orders are accepted. Specify your machine colour, logo, nameplate, operation manual and wooden-case markings.

## Product documentation

| Document                  | Product coverage                        |
|---------------------------|-----------------------------------------|
| English operation manuals | TSR600H and TSR600D                     |
| Spare-parts catalogue     | Assembly views and parts identification |
| Wearing-parts list        | Replacement-part identification         |

## Special-order hydrostatic clutch

Hydrostatic-clutch versions also use chain transmission and are made to order rather than held as a standard production model. A separate minimum order quantity and a longer production lead time apply.