

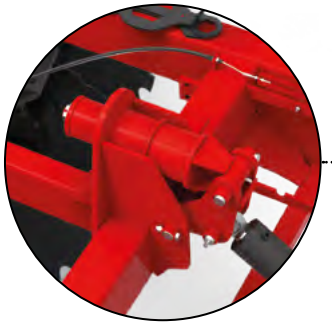

# EXPLOR T90

## DISC HARROW

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DISC HARROW

14 to 22 discs - Tractors: 400 to 600 hp - Working width: 3.30 to 5.30 m



### Drawbar suspension

On the drawbar cylinder, the elastomer provides comfort both on the roads and on the field. An accumulator generates flexibility on the carrier frame, to preserve your machine and your operating comfort.





### Drawbar angle

For optimum pulling force, the drawbar angle is adjustable with a hydraulic cylinder. This assembly allows you to operate the cylinder as you wish.



### Robust disc gangs

The disc gangs have been designed to accommodate stones, holes and plants. Square in shape and 50 or 60 mm wide, the shafts drive all the discs at the same time.



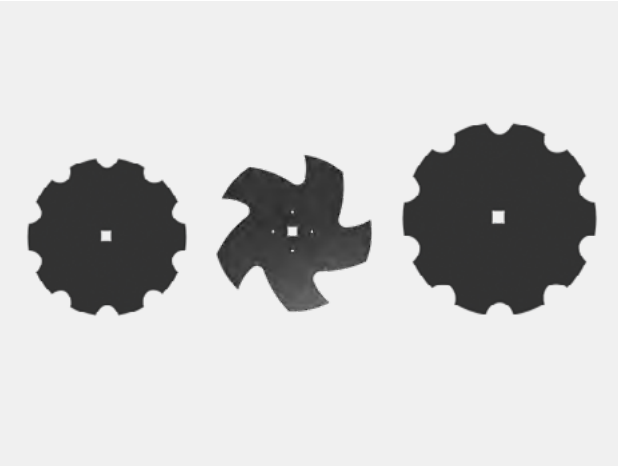
### Suspended wheel axle

In order to improve comfort in the cabin, on roads or on pathways, we have added nitrogen accumulators. They provide suspension to the wheel axle and limit the forces on the tractor hitch. This equipment extends the life of your machine.



### Adapted wheels

Several wheel sizes are available to choose the most suitable diameter for the requested work. For clearing needs we have forestry tyres with very resistant casings.



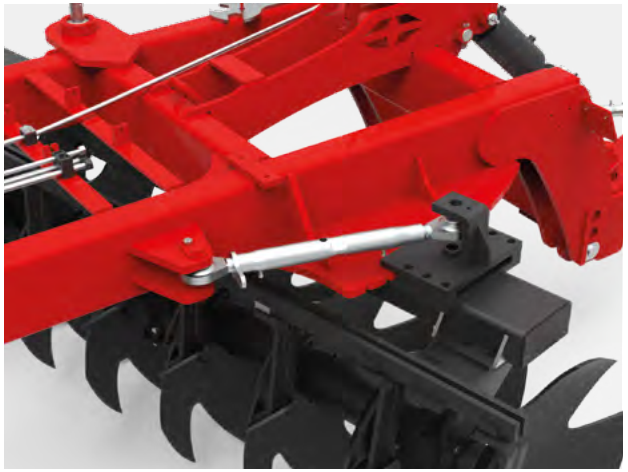
## Several disc types

Two models are available, notched (in Ø 810 mm and Ø 910 mm) and flailed (in Ø 810 mm) to increase the drive of the disc gang and the chopping of plants. The two diameters enable to adapt best to your gang depth and to the existing volume of plants and forest root system.



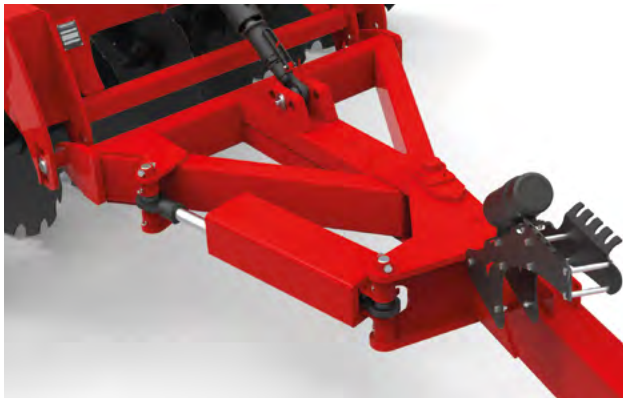
## Tailor-made bearings

The bearings are machined from a steel block. They range from 50 mm to 60 mm and have a double tapered bearing and 6 seals. This guarantees you a long service life despite major shocks.



## Disc angling adjustment

The disc angling adjustment is mechanical as standard. As an option, you can have the hydraulic setting of the rear disc gang or of both front and rear disc gangs for more comfort. The advantage of the V-shaped disc gang is to be more stable on hilly land and more aggressive to destroy tree roots.



## Drawbar cylinder protection

Clearing conditions are very harsh and often tend to make the equipment suffer. Steel guards have been adapted to prevent the drawbar cylinders hydraulic , which are used for adjustments, from being damaged by stumps or roots.



## Bearing protection

The bearing protection are recommended in case of very stony grounds. The aim is to prevent the bearing from the wear due to the friction of the earth on the bearing, but also to shocks when the Explor comes accross foreign objects in the fields.



## Key for disc gangs

If you need to change the discs, the key is accessible on the machine. As it is a hexagonal nut of 91 mm width, we have chosen to insert it into the frame.

Thanks to its long length, you benefit from a high tightening torque. You don’t waste time, and quickly become operational again.

| | EXPLOR T90 TECHNICAL SPECIFICATIONS | | | | |
|---|---|---|---|---|---|
| **Working width (m)** | **3.30** | **3.70** | **4.30** | **4.80** | **5.30** |
| **Tractor power (HP)**<br>*Tractor power (kW)* | **400 / 450**<br>*294 / 331* | **420 / 470**<br>*309 / 345* | **440 / 490**<br>*324 / 360* | **460 / 510**<br>*338 / 375* | **480 / 600**<br>*353 / 441* |
| **Transport width (m)** | 3.30 | 3.70 | 4.30 | 4.80 | 5.30 |
| **Transport height (m)** | 1.90 | | | | |
| **Indicative weight (kg)** | 6 400 | 7 035 | 7 790 | 8 615 | 9 925 |
| **Yoke hitch type (Cat.)** | Forged ball ring: Ø 35 mm - Ø 45 mm - Ø 55 mm - Ø 65 mm | | | | |
| **Chassis version** | Fixe | | | | |
| **Disc number** | 14 | 16 | 18 | 20 | 22 |
| **Shaft diameter (mm)** | 60 | | | | |
| **Disc diameter (mm)** | Standard Ø 1 020 notched / Option Ø 910 notched | | | | |
| **Disc thickness (mm)** | 12 | | | | |
| **Disc spacing (mm)** | 500 | | | | |
| **Under frame clearance (mm)** | 1500 | | | | |
| **Working depth (mm) max. (mm)** | 450 | | | | |
| **Safety of the working element** | Rigid bearing support | | | | |
| **Disc angling adjustment** | Standard mechanical / Option hydraulic rear / hydraulic front and rear | | | | |
| **Stabilising wheels** | Not available | | | | |
| **Tyres** | Standard 18R22.5 (Ø 1 150 mm) / Option 600/50x22.5(Ø 1 171 mm) Forest king | | | | |
| **Braking system** | Standard hydraulic / Option without | | | | |
| **Footbridge for seed drill** | Not available | | | | |
| **Hectare counter** | Not available | | | | |
| **Roller adjustment** | - | | | | |
| **Rear equipment (mm)** | Without | | | | |
| **Road traffic lights** | Standard | | | | |

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