

# FERRI®

*new*

HP 54 available to the rotor  
HP 60 max to hydraulic motor

## TSP ENERGY

### HYDRAULIC REACH MOWERS (GEAR HYDRAULIC SYSTEM "HP")

TechnoTeam



Floating head system



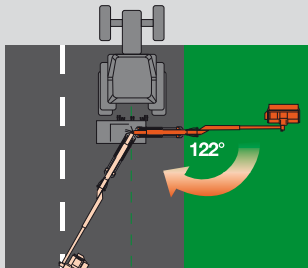
"Overlap" spiral rotor with two spiral rows



Drop forged parts



Frame "DELTA BOX" (forces shared and balanced)



Hydraulic break-back with accumulator controlled autoreset facility (SRA)



Gear High Performance hydraulic system

**comfort Plus**



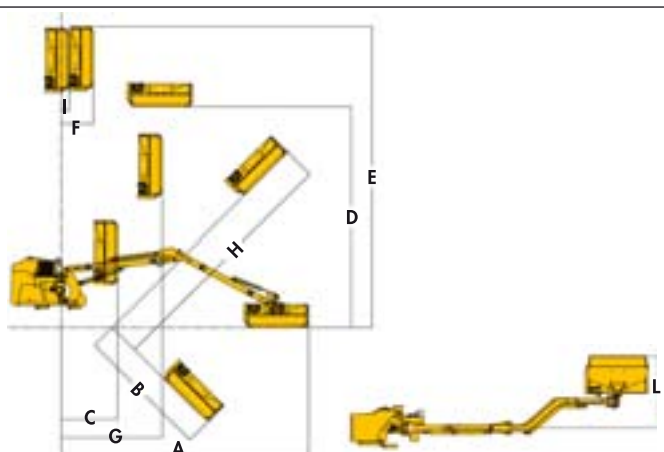
Electro-Hydraulic proportional controls

#### Tractor

| HP            |  | 80 | 90 | 100 | 110 | Min. tractor weight Kg | Min. tractor width m |
|---------------|--|----|----|-----|-----|------------------------|----------------------|
| TSP530        |  |    |    |     |     | 3500                   | 2,30                 |
| TSP500 Vision |  |    |    |     |     | 3500                   | 2,30                 |
| TSP550 Vision |  |    |    |     |     | 3600                   | 2,30                 |

#### Working positions (m)

|     | TSP530 | TSP500 Vision | TSP550 Vision |
|-----|--------|---------------|---------------|
| A m | 5,34   | 5,11          | 5,52          |
| B m | 2,91   | 2,79          | 3,16          |
| C m | 1,22   | 1,30          | 1,30          |
| D m | 4,78   | 4,42          | 4,92          |
| E m | 6,53   | 6,28          | 6,70          |
| F m | 0,69   | 0,73          | 0,69          |
| G m | 2,18   | 2,10          | 2,36          |
| H m | 5,36   | 5,13          | 5,54          |
| I m | 0,16   | 0,13          | 0,22          |
| L m | -      | 1,64          | 1,64          |



## Technical data

| Model                | Max horizontal reach*<br>m | Flail head forward<br>m | Weight<br>Kg | Oil<br>l | Rotor<br>rpm | P.t.o.<br>MAX rpm | Flail head angle |
|----------------------|----------------------------|-------------------------|--------------|----------|--------------|-------------------|------------------|
| TSP530 Energy        | 5,34                       | -                       | 1350         | 170      | 3.000        | 540               | 235°             |
| TSP500 Vision Energy | 5,11                       | 1,64                    | 1360         | 170      | 3.000        | 540               | 235°             |
| TSP550 Vision Energy | 5,52                       | 1,64                    | 1370         | 170      | 3.000        | 540               | 235°             |

\* Reach measured from tractor centre line to head edge.

## Machines with electro-hydraulic proportional controls "Comfort Plus"

### Model

TSP530 Energy Comfort Plus with TNS125 flail head m 1,25

TSP500 Vision Energy Comfort Plus with TNS125 flail head m 1,25

TSP550 Vision Energy Comfort Plus with TNS125 flail head m 1,25

## Completing equipment to the base machine

**WARNING:** due to the high offset loads on the linkages it is necessary to fit two stabilizers

Stabilizers (TK8005/06). Compulsory Option.

Delta yoke (OPT001121000). Stabilizers TSN5033 needed.

Stabilizers x Delta (TSN5033). Compulsory Option

Fixed Likage (ATT/4). Stabilizers TK8005/06 needed.

Top Link short (TGA5018)

Top Link long (TGA5019)

Axle Brackets (ARK200)

Axle Plates Kit (x ARK200)

## Option

Side Toothed belt drive (TNSC125)

Heavy Duty (HD) rear roller

## Flail head

|                         | TNS125 |
|-------------------------|--------|
| Width of cut (m)        | 1,25   |
| Rotor speed (rpm)       | 3000   |
| Blade tip speed (m/sec) | 60     |
| Flail head angle        | 235°   |
| Weight (kg)             | 290    |



TNS125  
Direct drive

## Flails TNS125 - TNSC125

| Interchangeable on the same rotor                                  |  |                                     | Interchangeable on the same rotor                               |  |  | Specific rotor                          |
|--|--|-------------------------------------|---|--|--|---|
| Multiuse blades for: grass, shrubs, bushes, sticks, wood<br>Ø 4 cm | "T" Hammer blades for wood<br>Ø max 5 cm | Unidirectional blades<br>Ø max 6 cm | Articulated Y blades for: grass, sticks, shrubs<br>Ø max 2,5 cm | Hedge trimming blades for: grass, hedges<br>Ø max 1 cm | Bootie blades for: grass, hedges, bushes<br>Ø max 2 cm | Tourning blades for wood<br>Ø max. 8 cm |
|  |  |                                     |   |  |  |   |
| n° 44<br>Code 0901181  | n° 22<br>Code 0901141                    | n° 22<br>Code 0901187               | n° 60<br>Code 0901068   | n° 30<br>Code 0901139                                  | n° 30<br>Code 0901138                                  | n° 18<br>Code 0901201                   |
| Standard   |  |                                     |   |  |  |   |



## Features:

- Flail Head
- Power slew 122°
- Oil cooler in Alluminum with thermostat
- Lift float (LFA electric)
- Power slew security (PSS)
- Electric reversible rotor (DSR Electric)
- Rear roller Ø 140 mm
- Rotor balancing on side flanges
- Stiff and protected pipes
- Automatic return breakaway system with controlled autoreset valve (SRA)
- Electric Roll-over protection system (SAB)
- Hours counter
- Bumpers with illumination system
- Front and rear abrasion resistant guard for flail head
- Replaceable skids
- Oil and Pto shaft