



SIDE-ARMS FOR VERGE-MOWING AND HEDGE-CUTTING

**Pro** range from 4.50 to 5.00 metres

**Axiona 45 - 50**

**Prodigia 45 - 50**



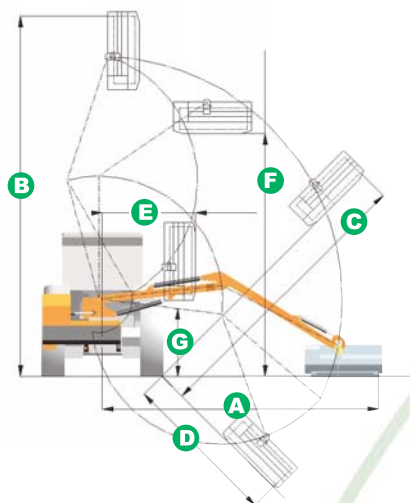
*Extremely agile...*

 **NOREMAT**



# Work with state-of-the-art equipment

## Reach kinematics



Kinematics	Axiona - Prodigia	
	45 - 50	
<b>A</b> Max. horizontal reach*	4.50 m	5.00 m
<b>B</b> Max. vertical reach	5.60 m	6.10 m
<b>C</b> Upper embankment reach	4.47 m	5.00 m
<b>D</b> Lower embankment reach	2.29 m	2.70 m
<b>E</b> Min. lateral reach	1.70 m	1.75 m
<b>F</b> Max. height on hedge, rotor horizontal	3.71 m	4.10 m
<b>G</b> Passage under beam	1.45 m	1.50 m
Transport height**	3.20 m	3.50 m
Slew angle	102°	102°
Head orientation angle	230°	230°
Weight in running order	1170 kg	1180 kg

\* measured from the tractor axis

\*\* may vary according to tractor type

## Motion stability

Left pivot :

Axiona and Prodigia provide excellent stability thanks to the left pivot in relation to the tractor axis.



Pivot axis Tractor axis

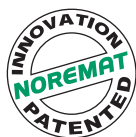
The offset pivot also enables work on narrow paths without the use of additional elements.



# Ergonomics and comfort

## Sliding armrest

The sliding armrest eliminates friction of the lower arm on the rest and reduces flexion and torsion of the wrist by 30 %.



Single-lever LP mixed controls (electrical, hydraulic)

### Type of controls :

- multi-lever remote cable
- multi-lever LP hydraulic assisted
- single-lever LP mixed (elec. + hydr.)

### Axiona - Prodigia

45 - 50

- multi-lever remote cable	standard	standard
- multi-lever LP hydraulic assisted	option	option
- single-lever LP mixed (elec. + hydr.)	option	option



Multi-lever remote cable controls



Multi-lever LP hydraulic assisted controls

# With your needs in mind

## Rotor hydraulic circuit

	<i>Axiona</i>	<i>Prodigia</i>	
PTO	540 rpm	540 rpm	1000 rpm
Gear ratio	1: 3,45	1 : 4	1 : 2,5
<b>Hydraulic pump</b>			
Type	Geared	Axial pistons	
Cubic capacity	44 cc	28 cc	
Flow-rate	82l/min	60 l/min.	70 l/min.
Maximum pressure	230 bar	345 bar	
Power	42 HP	47 HP	54 HP
Controls	Cables	Electric	
Fastening	Pump flanged to gerotor		
<b>Hydraulic motor</b>			
Type	Axial pistons		
Cubic capacity	25 cc		
Type of rotor transmission	Pulleys and toothed drive belt		
Rotor rotation speed (±50)	3,050 rpm	2,750 rpm	2,800 rpm

## Movement hydraulic circuit

	<i>Axiona</i>	<i>Prodigia</i>	
PTO	540 rpm	540 rpm	1000 rpm
Type of pump	Geared	Geared	
Pump rating	14 cc	17 cc	
Pump flow-rate	26l/min	36l/min	42l/min
Max. circuit pressure	220 bar	220 bar	
Power available	13 HP	18 HP	21 HP

## Filtering and cooling

<b>Tank</b>	
Capacity	80 liters
Type of oil	80 W 90-HV 46
<b>Return filter</b>	
Filter type	Spin on
Filtration	10 microns absolute
<b>Cooling</b>	
Radiator	aluminium
Fan	electric - Ø 190 mm
Heat-exchanger capacity	5,5 kW

## 1 FRAME

Material	HY Steel*
Composition and materials used	tube 100 x 100 th. 5 and 6 mm
	tube 100 x 100 th. 5 mm
	sheet metal th. 8, 12, 15 and 25 mm

## 2 ARM PIVOT

Material	HY Steel*
Composition and materials used	sheet metal th. 6 and 15 mm

## 3 FIRST ARM

Material	HY Steel*
Composition and materials used	tube 140 x 140 th. 6.3 mm
	sheet metal th. 12 and 15 mm

## 4 SECOND ARM

Material	HY Steel*
Composition and materials used	reconstituted tube th. 6 to 8 mm
Arm section ranging from	100x100 to 100x150 mm

## 5 HEAD ANGLE BRACKET

Material	high performance steel
Composition	cast solid, moulded and machined

\* HY = High Yield



## Just like a large mower



Mowing



Bush-cutting in narrow paths



Hedge cutting



# The correct tool for each task

## Mowing head 1200



### ROLMAX

Bush-cutting rotor



- Single-piece tubular frame.
- Equipped with heavy flails.
- Blades fitted in spiral layout for optimum suction and grinding of bush.

### SAW-BLADE UNIT



- 3 blade branch cutter.
- Blade thickness 4 mm and  $\varnothing$  700 mm.
- Ecological cut.
- Kevlar belt.

**OPTION**

• Swinging blades used for light cutting tasks ( $\varnothing$  up to 30 mm).



Cutting width	1.20 m
Rotor rotation speed	+/- 2500 rpm
Double rotation direction	with cable for Axiona electrical for Prodigia
Float Position	yes
Engine	Axial pistons
Cubic capacity	25 cc
Drive	toothed belt
Cutting height	3 positions
Feeler roller diam. 132 mm.	
Universal maintenance rotor	Cutting width 1.20 m
Anti-projection cover	in compliance with EC standards

\* enables automatic following of the terrain to be cut

### Universal Flails

Mowing flails "y" beam Serial fitted.



### FIXA SPEED System

Fast fitting mowing flails.



### UNIVERSAL ROTOR

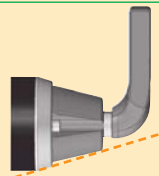
Equipped with  $\varnothing$  14 mm shackles and screws. Fastened to the rounded, anti-shock lugs.



### FEELER ROLLER

– The rounded profile of the support favours sliding along the bottom of the ditch.

- Removable end-piece with double-roller bearings.



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