

AKER
SERIES

V - SHAPE SUBSOILERS



ASTREA
SERIES

NON STOP SUBSOILERS



INTERNATIONAL
GASCON[®]
AGRICULTURAL MACHINERY ENGINEERING

The ergonomics of shanks employed in V-shape subsoilers of Gascón International, its positioning along the frame, as well rows spacing, are the key for breaking the compacted soil and favour the formation of water reserves in depth and significantly reduce the stagnation of the water in the surface.



The angle of attack established in origin from Gascón engineering staff, makes the penetration into the soil easier, with the least quantity of horsepower to pull required.



All models are adjustable in the height of the hitch, as well as of shanks, up to 3 or 4 positions, (possibility of increasing the number of positions under requirement) so to supply the needs of a great variety of soils they have to work in, at the time that they optimize performances of exploitation.

Besides, subsoilers of 3, 5, 9 and 11 shanks can be equipped with multi-position frame.



It is warmly recommended the use of rollers to pulverize, mix soil with stubble, level the soil and reduce damp loss.

The control of depth of the labor is done through the regulation of the depth of work of the roller.



| AKER | | WORKING WIDTH | TINES | TINES SECTION | TINES SPACING | FRAME SECTION | DEPTH MAX. | CLEARANCE | POWER APROX. | CATEGORY | ROLLER | WEIGHT W/O ROLLER | WEIGHT WITH ROLLER |
|-------|----------|---------------|-------|---------------|---------------|----------------|------------|-----------|--------------|----------|--------|-------------------|--------------------|
| SS | + ROLLER | M. | Nº | mm. | mm. | mm. | mm. | mm. | HP/CV ≈ | | Ø | Kg. | Kg. |
| SS1N | // | 1,00 | 1 | 30x155 | // | 180x100x8 | 450 | 740 | 30/50 | I | // | 150 Kg. | // |
| SS3N | SS3NR | 1,40 | 3 | 30x155 | 600 | 230x100x8 | 450 | 740 | 40/60 | III | Ø 515 | 280 Kg. | 350 Kg. |
| SS5L | SS5LR | 2,00 | 5 | 30x155 | 400 | 230x100x8 | 450 | 740 | 60/70 | III | Ø 515 | 420 Kg. | 525 Kg. |
| SS5N | SS5NR | 2,20 | 5 | 35x155 | 450 | 230x140x10 | 450 | 700 | 70/90 | II | Ø 515 | 580 Kg. | 780 Kg. |
| SS5S | SS5SR | 2,40 | 5 | 40x180 | 500 | 250x160x10 | 550 | 800 | 90/130 | II | Ø 515 | 640 Kg. | 840 Kg. |
| SS5E | SS5ER | 2,40 | 5 | 40x200 | 500 | 470/390x160x10 | 600 | 820 | 135/170 | II | Ø 515 | 750 Kg. | 950 Kg. |
| SS7N | SS7NR | 3,10 | 7 | 40x180 | 450 | 270x160x10 | 550 | 800 | 140/170 | II | Ø 515 | 930 Kg. | 1150 Kg. |
| SS7S | SS7SR | 3,20 | 7 | 40x200 | 470 | 540/320x160x10 | 600 | 820 | 170/200 | II | Ø 515 | 1420 Kg. | 1650 Kg. |
| SS9S | SS9SR | 4,20 | 9 | 40x200 | 470 | 540/320x160x10 | 650 | 870 | 270/300 | III | Ø 600 | 1820 Kg. | 2100 Kg. |
| SS11S | SS11SR | 5,60 | 11 | 40x200 | 520 | 540/320x180x10 | 650 | 870 | 300/350 | III | Ø 600 | 2100 Kg. | 3000 Kg. |

Astrea is a subsoiler with hydraulic safety device called **NON STOP system** with nitrogen accumulator with control valve.

NON STOP system works in extreme conditions, while in presence of obstacle in hard, clay and stony soils.

Hydropneumatic safety device, comes into action when in presence of obstacles such as roots or stones that may damage the labor. Shanks jump backwards without damaging job quality and speed.

Thanks to hydropneumatic safety device, shanks gradually kick back to initial working position and they are stress resistant.

The good quality of work is guaranteed.

The elasticity of shanks allow overcome obstacles.

It has got a very heavy and strong structure which can reach the best performance in every soil, even in combination with high power tractors.

The inclination of shanks and points is the ideal to prevent the dragging of stones on the surface

Hydropneumatic system gives elasticity to the whole structure avoiding the frame may break.



| ASTREA | | WORKING WIDTH | TINES | TINES SECTION | TINES SPACING | FRAME SECTION | DEPTH MAX. | CLEARANCE | POWER APPROX. | CATEGORY | ROLLER | WEIGHT W/O ROLLER | WEIGHT WITH ROLLER |
|---------------|----------|---------------|-------|---------------|---------------|---------------|------------|-----------|---------------|----------|--------|-------------------|--------------------|
| SS-NS | + ROLLER | M. | Nº | mm. | mm. | mm. | mm. | mm. | HP/CV ≈ | | Ø | Kg. ≈ | Kg. ≈ |
| SS3-NS | SS3R-NS | 1,40 | 3 | 30x180 | 600 | 300x150x10 | 450 | 800 | 40/100 | II | Ø 515 | 1150 Kg. | 1400 Kg. |
| SS5-NS | SS5R-NS | 2,40 | 5 | 40x200 | 500 | 350x180x10 | 600 | 1000 | 90/160 | II | Ø 515 | 1500 Kg. | 1750 Kg. |
| SS7-NS | SS7R-NS | 3,20 | 7 | 40x200 | 470 | 350x180x10 | 600 | 1000 | 140/220 | III | Ø 515 | 2000 Kg. | 2400 Kg. |
| SS9-NS | SS9R-NS | 4,20 | 9 | 40x200 | 470 | 350x180x10 | 600 | 1000 | 200/300 | III | Ø 600 | 2600 Kg. | 3100 Kg. |
| SS11-NS | SS11R-NS | 5,60 | 11 | 40x200 | 520 | 400x200x10 | 600 | 1000 | 300/400 | III | Ø 600 | 3200 Kg. | 3900 Kg. |

AKER

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STANDARD EQUIPMENT

Frame: adjustable hitch
 3-point hitch: reinforced
 Adjustable width shank: 3/4 positions
 Front replaceable sharpened shin on shanks
 Parking stand
 Spiked roller
 Conventional tip



OPTIONS



ASTREA

SERIES

STANDARD EQUIPMENT

Hydropneumatic safety device
 Nitrogen accumulator
 Frame: adjustable hitch
 3-point hitch: reinforced
 Front replaceable sharpened shin on shanks
 Parking stand
 Spiked roller
 Conventional tip



OPTIONS



WITHOUT AFFECTING THE USE AND ORIGINAL FUNCTIONS, HEREDEROS DE MANUEL GASCÓN S.L. HAS THE RIGHT TO MAKE CHANGES THAT ARE DEEMED NECESSARY FOR THE BEST OPERATION OF THE EQUIPMENT TO BE SUPPLIED.

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Dealer

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