



DEALER















[Consortium of Agricultural Machinery Manufacturers & Exporters A.I.E.]

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Stone crushers 1000/1300/1600/1900/2200

Robustness, reliability and minimum maintenance

The Agarin stone crushers are ideal for improving farm land and for public works, both on surface and in depth. Made with high resistance materials.



Model 1900



SPECIFICATIONS	1000	1300	1600	1900	2200	
Working widht (m)	1	1,3	1,6	1,9	2,2	
Total width (mm)	1.185	1.445	1.695	2.035	2.320	
Nº hammers	12	16	20	24	28	
p.t.o.	540/1.000	1.000	1.000	1.000	1.000	
Weight (kg)	880	1.060	1.250	1.540	1.820	
Power tractor (HP) 0,5 km/h	50	70	95	120	140	
Power tractor (HP) 2 km/h	90	110	150	200	250	
Max. power tractor (HP)	125	150	175	250	300	



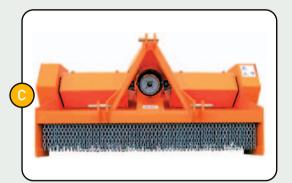
A. Robust and light construction

The monoblock construction system with high resistance antiwear steel, makes the Agarin crushers extremely rigid. The special steel used reduces excess weight and improves the elevation capacity of the tractor.



B. Belts side drives

The side drive (double in models 1900 and 2200) is carried out with 5 or 6 V-belts, guaranteeing correct transmission and safety system for the mechanical parts.



C. Impact-proof protection chains

Two lines of chain prevent the stones from coming out of the opening area, protecting the tractor and the workers.



D. Depth control wheel

The work depth of up to 25 cm is easily adjusted with the control wheel. It makes pulling the crusher easier, reducing the tractor power demand



E. Mobile hammer rotor

The rotor, with a large number of antiwear steel flanges, is equipped with induction treated axles and reversible mobile hammers.



F. Easy accessibility to change hammers

The reversible hammers are easily changed, reducing maintenance time. The grease points are quickly accessed through the side drive covers.

Stone pickers 3000/3000V/5000

Stone elimination with high performance and efficiency

The continuous load stone picker is the solution for eliminating stones up to Ø 30 cm. Ideal for farming application work and for the implementation of new garden, leisure or sports areas.



A. Unloading the hopper at height Using trailers or trucks to transport the stones is possible thanks to the unloading height of the hopper of up to 2.60 m.



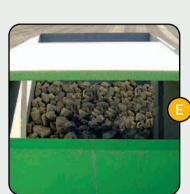
SPECIFICATIONS	3000	3000 Vineyard	5000
Working widht (m)	2,1	1,7/2,1	2,1
Total width (mm)	2.340	1.810/2.090	2.460
Large (mm)	4.680	4.680	5.480
Height (mm)	2.050	2.050	2.330
Working depth (cm)	10	10	10
Unload height (m)	1,7	1,7	2,15
Hopper capacity (aprx. Kg)	4.000	4.000	6.000
Size stones (cm)	22	22	22
Screen	45	45	45
Weight (kg)	1.760	1.760	2.550
Hydraulic equipment	2 double acting	2 double acting	2 double acting
Potencia (HP)	70	70	100



B. Working width2.10 m working width favours greater performance and collection capacity.



D. Sieve adjustable to size of stone
The sieve separates the soil from the stones before they were thrown to the hopper. It is easy to change the sieve to adjust the minimum size of stone to be collected from 55 mm to 25mm in the most intensive jobs.



performance.

C. High performance feed rotor
The feed rotor with 8 alternating work arms protected

with reinforced safety springs guarantees continuous loading of the stones, obtaining high work

E. Load control from tractor

The rotor and hopper design means that the level of hopper can be checked from the tractor cab, thus taking maximum advantage of its capacity and avoiding overloads.



F. Great hopper capacity

The hopper capacity of up to approx. 4000 kilos or 6000 kilos, depending on the model, enables the stone clearing surface to be increased between one unloading process and the next.



G. Unloading stabilityThe total width of the wheels guarantees great stability during work and also during unloading



Stone pickers 1500/2000

Efficiency and high performance with large stones

Stone pickers 1500/2000 are ideal for very stony land with large stones and for new farming lands.



Model 2000



SPECIFICATIONS	1500	2000
Working widht (m)	1,5	2
Total width (mm)	1.880	2.370
Large (mm)	4.110	4.550
Height (mm)	1.210	1.410
Weight kg	1.100	1.850
Hopper capacity (aprx. Kg)	2.000	3.500
Hydraulic equipment	1 double acting valve	1 double acting valve
Wheels	10,080/12 8pr	11,5/80 15.3 14 pr
Power tractor (HP)	50	80



A. Wheel protectionThe wheel position is totally protected from stones falling. Its wide position and its size ensure perfect stability both during work and during unloading.



B. Depth adjustment from tractorThe coupling system to the hydraulic tractor arms enables the working position to be adjusted from the tractor.



C. Hydraulic drive

One single jack unloads the sieve onto the hopper and the hopper onto the ground, requiring only 1 single double-acting hydraulic control.



D. Adjustable sieve

The sieve is easy to adjust in order to select the minimum size of stone collected. The sieve clearance permits better earth elimination.



E. Great loading capacity
The total hopper width permits high loading capacity of up to 3.000 kilos in model 2000.



F. Robust and safe construction
All the rotation points are equipped with treated steel bolts for longer duration even with intensive

Stone rakes 2500D/3000

• It increases the performance of stone pickers and stone crushers

The stone rakes improve the performance both of the stone crushers and of the stone pickers. On extensive areas of land and in tree areas with medium-low densities of stones, it ridges the stones.

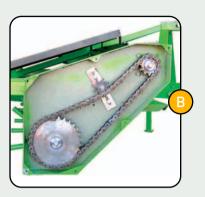


Model 2500D





A. Large diameter rotorThe diameter of the rotor and the teeth make it easy for the stones to move through the rotor, reducing the power demand and achieving a



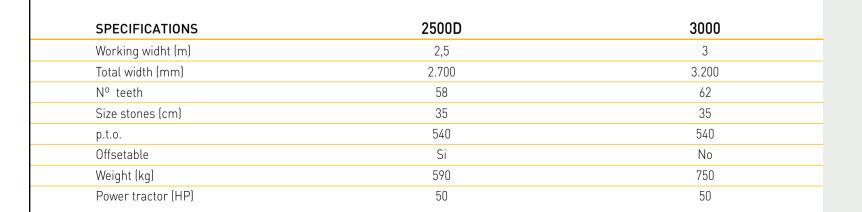
B. Chain side drive

1" 1/4 chain side drive ensure the windrowing of a large number of stones.



C. High resistance teeth

The teeth of the rotor are made of highly resistant, antiwear treated steel, providing long durability. All the teeth are replaceable.





D. Central gearbox with safety system

The gearbox with a torque limiter safety system which protects the mechanical systems of the rake.



E. Offsetable model for orchards and tree crops

Model 2500 D permits the side movement and windrowing of the stones, even close to trunks where the tractor cannot reach.

Stone pickers 3000/3000V/5000 Extra Unloading height up to 2,60 m (Mod 3000/3000V) (A) Sieves 28-35-55 mm

Stone pickers 1500/2000 Offsetable draw bar for orchards and vineyards (B)



A. Extra Unloading height up to 2,60 m



B. Offsetable draw bar for orchards and vineyards

Stone crushers	1000	1300	1600	1900	2200	
Working widht (m)	1	1,3	1,6	1,9	2,2	
Total width (mm)	1.185	1.445	1.695	2.035	2.320	
Nº hammers	12	16	20	24	28	
p.t.o.	540/1.000	1.000	1.000	1.000	1.000	
Weight (kg)	880	1.060	1.250	1.540	1.820	
Power tractor (HP) 0,5 km/h	50	70	95	120	140	
Power tractor (HP) 2 km/h	90	110	150	200	250	
Max. power tractor (HP)	125	150	175	250	300	
Stone pickers	3000		3000 Vineyard		5000	
Working widht (m)	2,1		1,7/2,1		2,1	
Total width (mm)	2.340		1.810/2.090		2.460	
Large (mm)	4.680		4.680		5.480	
Height (mm)	2.050		2.050		2.330	
Working depth (cm)	10		10		10	
Unload height (m)	1,7		1,7		2,15	
Hopper capacity (aprx. Kg)	4.000		4.000		6.000	
Size stones (cm)	22		22		22	
Screen	45		45		<u> </u>	(11
Weight (kg)	1.760		1.760		2.550	
Hydraulic equipment	2 double acting		2 double acting		2 double acting	
Potencia (HP)	70		70			
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Potencia (HP)	70		70		100	
	70	1500	70			
Stone pickers	70	1500	70		2000	
Stone pickers Working widht (m)	70	1,5	70		2000	
Stone pickers Working widht (m) Total width (mm)	70	1,5 1.880	70		2000 2 2.370	
Stone pickers Working widht (m) Total width (mm) Large (mm)	70	1,5 1.880 4.110	70		2000 2 2.370 4.550	
Stone pickers Working widht (m) Total width (mm) Large (mm) Height (mm)	70	1,5 1.880 4.110 1.210	70		2000 2 2.370 4.550 1.410	
Stone pickers Working widht (m) Total width (mm) Large (mm) Height (mm) Weight kg	70	1,5 1.880 4.110 1.210 1.100	70		2000 2 2.370 4.550 1.410 1.850	
Stone pickers Working widht (m) Total width (mm) Large (mm) Height (mm) Weight kg Hopper capacity (aprx. Kg)		1,5 1.880 4.110 1.210 1.100 2.000			2000 2 2.370 4.550 1.410 1.850 3.500	
Stone pickers Working widht (m) Total width (mm) Large (mm) Height (mm) Weight kg Hopper capacity (aprx. Kg) Hydraulic equipment		1,5 1.880 4.110 1.210 1.100 2.000 double acting v	alve		2000 2 2.370 4.550 1.410 1.850 3.500 1 double acting valve	
Stone pickers Working widht (m) Total width (mm) Large (mm) Height (mm) Weight kg Hopper capacity (aprx. Kg) Hydraulic equipment Wheels		1,5 1.880 4.110 1.210 1.100 2.000 double acting v	alve		2000 2 2.370 4.550 1.410 1.850 3.500 1 double acting valve 11,5/80 15.3 14 pr	
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Stone pickers Working widht (m) Total width (mm) Large (mm) Height (mm) Weight kg Hopper capacity (aprx. Kg) Hydraulic equipment Wheels Power tractor (HP)		1,5 1.880 4.110 1.210 1.100 2.000 double acting v 10,080/12 8pr 50	alve		2000 2 2.370 4.550 1.410 1.850 3.500 1 double acting valve 11,5/80 15.3 14 pr 80	
Stone pickers Working widht (m) Total width (mm) Large (mm) Height (mm) Weight kg Hopper capacity (aprx. Kg) Hydraulic equipment Wheels Power tractor (HP)		1,5 1.880 4.110 1.210 1.100 2.000 double acting v 10,080/12 8pr 50	alve		2000 2 2.370 4.550 1.410 1.850 3.500 1 double acting valve 11,5/80 15.3 14 pr 80	
Stone pickers Working widht (m) Total width (mm) Large (mm) Height (mm) Weight kg Hopper capacity (aprx. Kg) Hydraulic equipment Wheels Power tractor (HP) Stone rakes Working widht (m)		1,5 1.880 4.110 1.210 1.100 2.000 double acting v 10,080/12 8pr 50 2500D 2,5	alve		2000 2 2.370 4.550 1.410 1.850 3.500 1 double acting valve 11,5/80 15.3 14 pr 80 3000 3	
Stone pickers Working widht (m) Total width (mm) Large (mm) Height (mm) Weight kg Hopper capacity (aprx. Kg) Hydraulic equipment Wheels Power tractor (HP) Stone rakes Working widht (m) Total width (mm)		1,5 1.880 4.110 1.210 1.100 2.000 double acting v. 10,080/12 8pr 50 2500D 2,5 2.700	alve		2000 2 2.370 4.550 1.410 1.850 3.500 1 double acting valve 11,5/80 15.3 14 pr 80 3000 3 3.200	
Stone pickers Working widht (m) Total width (mm) Large (mm) Height (mm) Weight kg Hopper capacity (aprx. Kg) Hydraulic equipment Wheels Power tractor (HP) Stone rakes Working widht (m) Total width (mm) N° teeth		1,5 1.880 4.110 1.210 1.100 2.000 double acting v 10,080/12 8pr 50 2500D 2,5 2.700 58	alve		2000 2 2.370 4.550 1.410 1.850 3.500 1 double acting valve 11,5/80 15.3 14 pr 80 3000 3 3.200 62	
Stone pickers Working widht (m) Total width (mm) Large (mm) Height (mm) Weight kg Hopper capacity (aprx. Kg) Hydraulic equipment Wheels Power tractor (HP) Stone rakes Working widht (m) Total width (mm) N° teeth Size stones (cm)		1,5 1.880 4.110 1.210 1.100 2.000 double acting v. 10,080/12 8pr 50 2500D 2,5 2.700 58 35	alve		2000 2 2.370 4.550 1.410 1.850 3.500 1 double acting valve 11,5/80 15.3 14 pr 80 3000 3 3.200 62 35	
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