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PUMA PREMIUM SERIES 225 CM STONE CRUSHER MACHINE



The Puma Stone Crushing Machine breaks stones on the field surface and up to a depth of 30 cm with the help of specially designed carbide diamond blades. The crushing process is carried out between 44 carbide diamond blades and Hardox plates. The interior of the machine is equipped with wear-resistant, replaceable Hardox plates.

The Puma Stone Crushing Machine is used in stony fields, orchards, greenhouses, and all lands suitable for agriculture. By breaking the stones on the land surface, the soil becomes suitable for agriculture, and the minerals in the stones mix with the soil. As a result, agricultural yields increase, and the use of chemical fertilizers decrease.

TECHNICAL SPECIFICATIONS

MODEL	PUMA *Premium Series 225 Cm
Width	2680 mm
Length	1450 mm
Height	1310 mm
Weight	3000 kg
Working Width	2250 mm
Soil Processing Depth	300 mm
Working Speed	0,3-0,8 km/sa
Number Of Crushing Hammers	44
Hammers Feature	Boron Carbide double tips (Optional)
Thungsten Carbide Tip	530 Gr Ultra Resistance
Hammers Position	Helical
Machine Interior Coating	Hardox
Power Shaft	540 Rpm - 1000 Rpm
Machine Rear Cover	Hydraulic
Oil Pump Power Source	Tractor
Power Requirement	140 HP
Required Tractor Feature	Super Creep Gear
Power Transmission	Double Belt (Driven)
Thungsten Carbide Tip	530 Gr Ultra Resistance (Optional)
Gear Origin	Italy Comer-Cyd (Optional)
Gear Cooling Oil	Mobile-Shell 80W90 Ep Synthetic Additive Oil

Rotor	Domestic Made, ERDEMİR-İSKON st-44, st-52, ck-45, 4140 Hardox 500
Chassis Wearproof Plate Interior Coating	Sweden Max (800-1000 hours) Hardox 450-500
Movement Transmission System	Belt Pulley System 5*22*Xpc*V Pulley
Rotor Bearing	Sweden Max 1000-1600 Hours - Hardox 500 35mm Platinum
Crushing Hammers	Europe - Single Thungsten 350gr -Double Thungsten 530gr -Optional
Breaker Diamond Working Hours (Depending on the Hardness of The Stone)	Solid Sandstone Max 500-700 Hours -Chalk Stone Max 700-1200 Hours
Compression Sliding Blade	Sweden Max 500- 700 hours Hardox 500 20mm Platinum
Movement Transmission Belt	Imported 400-600 hours Bando 22*2000 Xpc