

Product Name :
Bone Crusher Machine

Product Code :
MM-CHINA11002-0047



Description :

Bone Crusher Machine

Technical Specification :

Subjecting massive, rock-hard bovine femurs and rigid pig spines to weak, underpowered crushing blades inevitably results in catastrophic motor stalling, violently shattered internal gears, and deeply erratic fragments that ruthlessly jam your downstream extruders.

Engineered with brutal, uncompromising mechanical force for high-tonnage rendering plants and commercial slaughterhouses, our industrial bone crusher machine completely annihilates structural animal calcium. Powered by a terrifyingly massive 11KW heavy-torque induction motor and armed with incredibly thick Cr12MoV alloy steel staggered shearing blades, this 550kg behemoth ruthlessly grips, splinters, and violently pulverizes up to 600 kilograms of raw biological bones per hour, successfully turning impossible butcher waste into highly lucrative bone meal and pet food base material.

Colossal Shearing Force: The monstrous 11KW drive shaft delivers unrelenting kinetic torque, preventing the heavy rotary claw blades from ever bogging down or jamming when digesting deep-frozen cow skulls.

Variable Particle Control: A specialized bottom-mounted heavy sieve grid mathematically restricts the exit point, allowing floor engineers to instantly dictate if the final crushed fragment size should be a powder-like 5mm or a chunky 80mm mass.

Impact-Absorbing Steel Chassis: Deliberately over-engineered using exceptionally thick food-grade plating over a heavy cast-carbon skeleton, violently dampening the terrifying sonic vibrations and kinetic shockwaves generated by crushing raw bones.

Maximum Crushing Capacity: 200 to 600 kg/h (Dependent on exit mesh screen size)

Final Particle Output Size: 5 mm up to 80 mm (Controlled by interchangeable grates)

Primary Drive Power: 11.0 KW (Industrial heavy-torque three-phase induction motor)
Rotary Blade Material Alloy: Premium Cr12MoV Tool Steel (Forged & Deep Hardened)
Standard Operating Voltage: Three-Phase 380V / 50HZ (Requires heavy facility breaker)
Physical Machine Dimensions: 1200 mm (L) x 900 mm (W) x 1450 mm (H)



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