



EQUIPMENT MODEL & TECHNICAL PARAMETERS

Complete fertilizer production solutions, delivered.

33 products with model-level technical data

Email: inquiry@fertilizerplantcost.com WhatsApp / Tel: +86 182 0399 3035

Reference data for quotation planning. Final parameters and prices confirmed per project.

About this booklet

This booklet consolidates the official YUSHUNXIN (Zhengzhou Shunxin Engineering Equipment) model-level technical data used for quotations. All models are reference data for planning; final parameters and prices are confirmed by our engineering team for each project.

Optional branded components

Option	Components	Price adjustment	Note
Option 1	W/N motors + Guomao gearboxes + ZWZ bearings	+8-10%	Value brand-upgrade package
Option 2	Siemens motors + SEW gearboxes + SKF bearings	+12-15%	Premium international brands
Note	Other voltage / frequency and special materials customizable	-	-

Disc Granulator (Pan Granulator)

Granulator | Adjustable-angle pan granulator for low-investment organic and compound fertilizer granulation, typical disc diameters 2.2-3.6 m and capacity ~0.5-6 t/h.

Model	Type	Power	Capacity	Dimensions	Weight	Notes
SXYP-2000	Disc granulator	4 kW	1.2-1.5 t/h	2.26×1.65×2.25 m	-	Pan DIA 2000 mm · edge 450 mm · 14 r/min · reducer XWD5-71-4
SXYP-3000	Disc granulator	11 kW	2-4 t/h	3.4×2.2×3.1 m	-	Pan DIA 3000 mm · edge 450 mm · 14 r/min · reducer ZQ350
SXYP-3600	Disc granulator	18.5 kW	4-6 t/h	4.1×2.9×3.8 m	-	Pan DIA 3600 mm · edge 450 mm · 13 r/min · reducer ZQ400

Rotary Drum Granulator

Granulator | High-capacity drum granulator for NPK and compound fertilizer, drum diameter and length customized to capacity, combinable with ammoniation / slurry-spray syste

Model	Type	Power	Capacity	Dimensions	Weight	Notes
SXZGZ-1240	Rotary drum granulator	5.5 kW	1-2 t/h	DIA 1200×4000 mm	-	17 r/min · shell 10 mm Q235B · inlet moisture 30%
SXZGZ-1560	Rotary drum granulator	11 kW	4-5 t/h	DIA 1500×6000 mm	-	17.5 r/min · shell 12 mm Q235B
SXZGZ-1870	Rotary drum granulator	15 kW	5-8 t/h	DIA 1800×7000 mm	-	11.5 r/min · shell 16 mm Q235B
SXZGZ-2080	Rotary drum granulator	18.5 kW	8-15 t/h	DIA 2000×8000 mm	-	11 r/min · shell 16 mm Q235B
TDDG-2210	Rotary drum granulator	by model	8-15 t/h	DIA 2200×10000 mm	-	For organic fertilizer granulation

New-Type Organic Fertilizer Granulator

Granulator | Wet granulation for fermented organic material with high pellet-forming rate, covering small and medium projects.

Model	Type	Power	Capacity	Dimensions	Weight	Notes
SXJC-600	New-type organic granulator	37 kW	1-1.5 t/h	4100×1600×1150 mm	1.85 t	Inlet moisture 30% · granule 3-6 mm · body 8 mm
SXJC-800	New-type organic granulator	55 kW	1.5-2.5 t/h	4250×1850×1300 mm	2.4 t	Inlet moisture 30% · granule 3-6 mm · body 8 mm
SXJC-1000	New-type organic granulator	75 kW	2-4 t/h	4700×2350×1600 mm	4 t	Inlet moisture 30% · granule 3-6 mm · body 10 mm
SXJC-1200	New-type organic granulator	90 kW	4-6 t/h	4900×2550×1800 mm	6.66 t	Inlet moisture 30% · granule 3-6 mm · body 10 mm
SXJC-1500	New-type organic granulator	110 kW	6-8 t/h	5500×2800×2000 mm	7.6 t	Inlet moisture 30% · granule 3-6 mm · body 10 mm

Double-Roller Extrusion Granulator

Granulator | Dry granulation by roller compaction - no drying or low drying energy; ideal for powder compound fertilizer and mineral powders, ~1-5 t/h+.

Model	Type	Power	Capacity	Dimensions	Weight	Notes
SXDG-1T	Double-roller extrusion granulator	11 kW	0.8-1.5 t/h	1430×750×1350 mm	0.8 t	Roller sheet 151×220 mm · granule DIA 3-10 mm · SS rollers
SXDG-1.5T	Double-roller extrusion granulator	18.5 kW	≈1.5 t/h	1560×800×1580 mm	0.96 t	Roller sheet 151×300 mm · granule DIA 3-10 mm · SS rollers

Model	Type	Power	Capacity	Dimensions	Weight	Notes
SXDG-2T	Double-roller extrusion granulator	22 kW	≈2 t/h	1560×800×1580 mm	1.2 t	Roller sheet 186×300 mm · granule DIA 3-10 mm · SS rollers

Flat-Die Pellet Mill

Granulator | Small-to-medium flat-die pellet mill for organic fertilizer and biomass pellets - a low-budget entry for farms and trial production.

Model	Type	Power	Capacity	Dimensions	Weight	Notes
SXPM-300	Flat-die pellet mill	22 kW	0.8-1 t/h	1270×520×1070 mm	-	Pellet DIA 2-10 mm · feed 3-5 mm · moisture <20% · cylindrical pellets
SXPM-400	Flat-die pellet mill	30 kW	1-2 t/h	1350×600×1200 mm	-	Pellet DIA 2-10 mm · feed 3-5 mm · moisture <20%
SXPM-600	Flat-die pellet mill	55 kW	2.5-4 t/h	2000×1600×1200 mm	-	Pellet DIA 2-10 mm · feed 3-5 mm · moisture <20%

Compost Turner

Fermentation | Six compost turner types - groove, wheel, double-wheel hydraulic, crawler, mobile and chain-plate - for efficient aerobic fermentation with improved oxygen and

Model	Type	Power	Capacity	Dimensions	Weight	Notes
SXXZ-2000	Moving type	36 hp	400-500 m³/h	3000×2300×2000 mm	-	Turning width 2000 mm · height 600-800 mm
SXLD-2400	Crawler	75 hp	800-1000 m³/h	3500×2550×2700 mm	-	Turning width 2400 mm · height 1100 mm
SXLD-2600	Crawler	116 hp	900-1100 m³/h	3700×2750×3000 mm	-	Turning width 2600 mm · height 1000-1300 mm
SXLD-3000	Crawler	136 hp	1000-1200 m³/h	4200×2800×3000 mm	-	Turning width 3000 mm · height 1300-1500 mm
SXLD-5000	Crawler (hydraulic)	247 kW / 336 hp	1600 m³/h	6300×4200×4000 mm	-	Turning width 5000 mm · height 2000 mm
SXGT-3000 / 4000 / 5000 / 6000	Groove	16.85-49.25 kW	by groove width	by model	-	Width 3-6 m · depth 0.8 m · ordinary / mechanical / hydraulic lifting
SXLPGD-10000	Wheel type	22 kW main	large-scale	-	10 t	Turning width 10 m · groove height 2 m · 24 turning teeth (Mn steel)

Chain Crusher

Crushing & Screening | Chain crusher for wet / semi-wet fermented organic material - reduces lumps before granulation.

Model	Type	Power	Capacity	Dimensions	Weight	Notes
SXLF-500	Chain	11 kW	1-3 t/h	620×700×750 mm	0.2 t	4 crushing chains · Q235B shell 8 mm
SXLF-600	Chain	15 kW	2-5 t/h	820×750×800 mm	0.52 t	4 crushing chains · Q235B shell 8 mm
SXLF-800	Chain	22 kW	5-8 t/h	900×850×800 mm	0.52 t	4 crushing chains · Q235B shell 8 mm

Vertical Crusher

Crushing & Screening | Vertical crusher for compound fertilizer lumps, mineral powders and dry organic material, compatible with screening and recycle.

Model	Type	Power	Capacity	Dimensions	Weight	Notes
SXLS-600	Vertical (double feed silo)	22 kW	3-5 t/h	1300×750×1900 mm	0.66 t	12 double-edged blades · chains 8×2
SXLS-800	Vertical (double feed silo)	30 kW	5-8 t/h	1800×1020×2100 mm	0.83 t	12 double-edged blades · chains 8×2
SXLS-1000	Vertical (double feed silo)	37 kW	8-15 t/h	2150×1220×2700 mm	1.08 t	12 double-edged blades · rubber lining option

Horizontal Fertilizer Mixer

Mixing | Single- or twin-shaft horizontal mixers for powder, granular and organic fertilizer materials, with customized working volume.

Model	Type	Power	Capacity	Dimensions	Weight	Notes
SXWS-70	Horizontal batch mixer	7.5 kW	2-3 t/h	2350×1200×1000 mm	0.54 t	Reducer ZQ350-23.34
SXWS-90	Horizontal batch mixer	11 kW	3-5 t/h	2550×1500×1000 mm	0.61 t	Reducer ZQ350-23.34
SXWS-1015	Horizontal batch mixer	15 kW	5-7 t/h	2410×1120×1930 mm	1.02 t	Reducer ZQ500-23.34
SXDZ-8030	Single-shaft mixer	7.5 kW	2-3 t/h	3700×800×750 mm	-	Water spray system included
SXSZ-8030	Double-shaft mixer	11 kW	5-10 t/h	3700×800×750 mm	-	Reducer ZQ350-31.5 · water spray
SXSZ-1050	Double-shaft mixer	22 kW	15-20 t/h	6200×1300×1200 mm	-	Reducer ZQ500-31.5 · water spray

Rotary Fertilizer Dryer

Drying & Cooling | Rotary drum dryers matched to line capacity with coal, gas, biomass or hot-air furnace heat sources to lower granule moisture.

Model	Type	Power	Capacity	Dimensions	Weight	Notes
SXHG-15165	Rotary dryer	11 kW	4-6 t/h	1500×17100×3060 mm	-	Reducer ZQ350 · inlet >=300 °C · angle 3-5° · 6 r/min · refractory-lined pipes included
SXHG-1518	Rotary dryer	11 kW	4-6 t/h	1500×18600×3060 mm	-	Reducer ZQ350 · inlet >=300 °C · 6 r/min · Q235B 12 mm
SXHG-1616	Rotary dryer	15 kW	6-8 t/h	1620×16300×3330 mm	11.7 t	Reducer ZQ400 · 6 r/min · Q235B 12 mm
SXHG-1818	Rotary dryer	22 kW	5-8 t/h	19600×3200×3400 mm	≈17.2 t	Drum DIA 1800×8000 mm · evap. up to 800 kg/h · thermal efficiency 72-80%
SXHG-2020	Rotary dryer	37 kW	8-15 t/h	≈24000×4200×4500 mm	26.8 t	Drum DIA 2000×20000 mm · evap. 800-1500 kg/h · ZQ650 · VFD speed
SXHG-2222	Rotary dryer	37 kW	8-18 t/h	by model	31.7 t	Shell DIA 2200×22000 mm · evap. 1.2-2.2 t/h · thermal efficiency 65-75%
SXHG-2424	Rotary dryer	45 kW	up to 30 t/h	by model	43.2 t	Shell DIA 2400×24000 mm · inlet gas 600-850 °C · ZQ650 · gas burner 2.5-5.0 MW

Rotary Fertilizer Cooler

Drying & Cooling | Rotary coolers lower granule temperature and moisture for stable, non-caking packing.

Model	Type	Power	Capacity	Dimensions	Weight	Notes
SXHG-0808 (cooler)	Rotary cooler	5.5 kW	0.8-2 t/h	8600×1400×1800 mm	≈3.5 t	Drum DIA 800×8000 mm · evap. max 180 kg/h · reducer ZQ250 · discharge moisture <=8%
Cooling series	Rotary coolers	by model	matched to dryers	by model	-	Companion coolers for SXHG dryer series

Rotary Screening Machine

Crushing & Screening | Rotary screeners classify finished product, fines and oversized granules with customizable mesh and closed recycle.

Model	Type	Power	Capacity	Dimensions	Weight	Notes
SXGS-1020	Rotary screen	3 kW	1-2 t/h	by model	-	21 r/min · reducer ZQ250 · anti-block hitting device
SXGS-1030	Rotary screen	3 kW	2-3 t/h	by model	-	21 r/min · reducer ZQ250 · anti-block hitting device
SXGS-1230	Rotary screen	4 kW	3-4 t/h	by model	-	21 r/min · reducer ZQ250
SXGS-1240	Rotary screen	4 kW	3-5 t/h	by model	-	18 r/min · reducer ZQ250

Model	Type	Power	Capacity	Dimensions	Weight	Notes
SXGS-1540	Rotary screen	5.5 kW	5-8 t/h	by model	-	16 r/min · reducer ZQ400
SXGS-1560	Rotary screen	5.5 kW	6-10 t/h	by model	-	16 r/min · reducer ZQ400
SXGS-1870	Rotary screen	7.5 kW	12-15 t/h	DIA 1800×7000 mm	-	Aperture 2-50 mm · screen area ≈39.6 m² · 15 r/min
SXSC-2080	Rotary screen	11 kW	15-20 t/h	by model	-	11 r/min · reducer ZQ400
SXZDS-1030	Vibrating screen	0.55 kW	2-3 t/h	3000×1000 mm (screen)	-	Q235B · two discharge ports

Fertilizer Coating Machine

Coating | Rotary coating machines apply oil or powder coatings to reduce caking and dusting and improve granule appearance.

Model	Type	Power	Capacity	Dimensions	Weight	Notes
SXCT-1200	Coated tank	0.75+0.75 kW	-	-	-	Mixing tank + control panel + pipe + nozzle + pump
TDCT-1040 / 1240 / 1250 / 1260 / 1270	Coating machine	by model	by model	by model	-	Body 10 mm boiler steel Q235B · coating tank + powder spray device
TDCT-1540 / 1560 / 1580 / 1860 / 1870	Coating machine	by model	by model	by model	-	Body 12 mm · reducer ZQ350 (on larger models) · rubber / SS lining +10%
SXPF-159-6 / 219-6 / 325-6	Powder coating machine	0.75 / 2.2 / 4 kW	by model	by model	-	Speed adjustable · 201SS or 304SS · serves coating machine

Automatic Fertilizer Batching System

Automation | Multi-hopper weighing with PLC recipe management for NPK, BB and WSF plants - accurate, repeatable dosing.

Model	Type	Power	Capacity	Dimensions	Weight	Notes
SXBC-3	Automatic batching machine	by model	by model	silos 1.5×1.5 m	-	Silo 1.5 m³ · error ±0.2% · PLC control panel · belt 550 mm × 0.5 m · silo qty customizable
Static / dynamic dosing	Dosing systems	by model	by model	by model	-	Static parallel or continuous dynamic dosing per line

QL Series Stainless Steel Urea Crusher

WSF Modules | Reference models QL-500 / 600 / 800 / 1000 crush caked urea and brittle soluble salts to 20-30 mesh ahead of metering and mixing in powder WSF lines.

Model	Type	Power	Capacity	Dimensions	Weight	Notes
SXUG-400	Double-roller urea grinder	5.5+2.2 kW	1-2 t/h	by model	-	304 stainless steel · grinding urea
QL-500	Stainless urea crusher	5.5+3 kW	1-2 t/h	by model	-	Reference feed <2.5 mm · output 20-30 mesh
QL-600	Stainless urea crusher	7.5+4 kW	2-3 t/h	by model	-	Reference feed <2.5 mm · output 20-30 mesh
QL-800	Stainless urea crusher	11+5.5 kW	4-6 t/h	by model	-	Reference feed <2.5 mm · output 20-30 mesh
QL-1000	Stainless urea crusher	15+7.5 kW	6-8 t/h	by model	-	Reference feed <2.5 mm · output 20-30 mesh

25-50 kg Automatic Fertilizer Packing Machine

Packaging | Automatic bagging for 25/40/50 kg NPK, BB, organic and WSF fertilizer with feed selection for powder or granules, plus sealing, checkweighing and palletizing in

Model	Type	Power	Capacity	Dimensions	Weight	Notes
SXWP-001	Packing machine	by model	4-6 bags/min	by model	-	20-50 kg/bag · error ±0.2% · sewing machine + conveyor + control cabinet
SXWP-002	Hopper packing machine	by model	6-8 bags/min	by model	-	20-50 kg/bag · error ±0.2%
SXWP-003	Double-silo packing machine	by model	6-13 bags/min	by model	-	20-50 kg/bag · error ±0.2%
SXWP-004	Double-station packing machine	by model	6-13 bags/min	by model	-	20-50 kg/bag · error ±0.2%

Automatic Ton-Bag (FIBC) Packing Machine

Packaging | FIBC big-bag filling with stable weighing, bag hanging/clamping, de-dusting and output conveying for powder and granule fertilizers.

Model	Type	Power	Capacity	Dimensions	Weight	Notes
TDYH-1000	Granule / powder ton-bag packer	by model	granule 20 t/h · powder 15 t/h	4.2×1.8×3.2 m	-	500-2000 kg/bag · accuracy ±0.5% · belt conveyor + air compressor included

Robotic Fertilizer Palletizer

Packaging | Robot palletizing for frequent bag-type and pattern changes, integrated with bag shaping, pallet magazine, safety guarding and stretch wrapping.

Model	Type	Power	Capacity	Dimensions	Weight	Notes
SXMDR-120	Robot palletizer	5 kW robot + 0.5×4 kW conveyors	500-600 bags/h	5000×7000×3790 mm	-	20-50 kg bags · 1-12 layers · 360° arm · servo drive · air 0.6-1.0 MPa

High-Level Fertilizer Palletizer

Packaging | High-speed layered palletizing for a single standard bag type at continuous, high throughput.

Model	Type	Power	Capacity	Dimensions	Weight	Notes
SXLZ-600	High-level palletizer	11.25 kW	400-500 bags/h	5000×7000×3790 mm	-	Stacking height 600-1600 mm · 6-8 layers · air 0.6-0.8 MPa

Semi-Wet Material Crusher

Crushing & Screening | High-moisture crusher for fermented compost, municipal waste compost, peat, straw waste and livestock manure - crushes wet biological material without blocking.

Model	Type	Power	Capacity	Dimensions	Weight	Notes
SXBS-40	Semi-wet	22 kW	1-1.5 t/h	1200×700×1100 mm	0.47 t	16 Mn hammers ×50 pcs
SXBS-60	Semi-wet	30 kW	1.5-3 t/h	1300×1450×1300 mm	0.73 t	16 Mn hammers
SXBS-90	Semi-wet	37 kW	3-5 t/h	1650×1660×1720 mm	1.26 t	16 Mn hammers
SXBS-120	Semi-wet	75 kW	5-8 t/h	2100×2600×2130 mm	2.33 t	16 Mn hammers

Straw Crusher

Crushing & Screening | Straw and crop-residue crusher with standard stainless-steel screen - guarantees uniform fineness, small footprint and dust-free operation.

Model	Type	Power	Capacity	Dimensions	Weight	Notes
SXHM-420	Rice-husk hammer mill	11 kW	by model	by model	-	Screen adjustable · cyclone dust collector · straw, stems, wood chips

Model	Type	Power	Capacity	Dimensions	Weight	Notes
SXHM-600	Hammer crusher	11 kW	by model	by model	-	Screen adjustable · straw, stems, wood chips

BB Fertilizer Drum Mixer

Mixing | Continuous BB fertilizer drum mixer with 30-40 t/h output - overcomes segregation from different specific gravities and particle sizes for precise blends.

Model	Type	Power	Capacity	Dimensions	Weight	Notes
SXBJ-1240	Drum BB mixer	5.5 kW	by model	DIA 1200×4000 mm	2.3 t	Angle 2-5° · speed 17 r/min · 10 mm shell
SXBJ-1560	Drum BB mixer	11 kW	by model	DIA 1500×6000 mm	4.4 t	Angle 2-5° · speed 17.5 r/min · 12 mm shell
SXBJ-1870	Drum BB mixer	15 kW	by model	DIA 1800×7000 mm	4.4 t	Angle 2-5° · speed 11.5 r/min · 12 mm shell
BB 5-10 t/h	BB revolving-drum mixer	5.5+1.5 kW	5-10 t/h	-	-	Drum DIA 1.5 m · hopper 0.7 m³ · inclination 20° · 12.5 r/min

Static Parallel Dosing Machine

Automation | Static parallel dosing system with feeding, weighing, silo and belt conveyor - high automation for quantitative raw-material dosing in fertilizer plants.

Model	Type	Power	Capacity	Dimensions	Weight	Notes
SXAF-2030 / 2040	Automatic feeding machine	2.2+4+0.37 kW	by model	silo 2×3 / 2×4 m	-	Silo 5 / 7 m³ · thickness 4 mm · VFD conveyor · inspection ladder + perforated strainer
SXPS-1212	Product silo	-	1.0 m³	-	-	4 mm thickness · support included
SXBS-1220	Buffer silo	-	1.5 m³	-	-	4 mm thickness · buffers material for packing
SZ-1.5	Screw scale	by model	0.01-10 t/h	-	-	Accuracy <=0.5% · 304 stainless steel · for additives

Fertilizer Dust Collection System

Crushing & Screening | Cyclone, water-curtain and bag dust collectors plus induced-draft fan - capture dust from drying, cooling, crushing and packing for a clean plant.

Model	Type	Power	Capacity	Dimensions	Weight	Notes
SXXC-900 / 1200 / 1500 / 1800	Cyclone dust collector	-	3500-41000 m³/h	DIA 900-1800 mm	-	Efficiency 85-95% · <=350 °C · rotary (star) valve discharge
SXXF-2000 / 2500	High-efficiency cyclone	-	25000-70000 m³/h	DIA 2000 / 2500 mm · H 6.5 m	2.5 / 4 t	Efficiency 85-95% · <=250 °C · pressure drop 800-1600 Pa
SXSM-900 / 1200 / 1500 / 2000 / 2200 / 2500	Water-curtain dust collector	2.2 / 4 / 7.5 kW pump	3435-26507 m³/h	DIA 900-2500 mm	-	Including support
SXMC-64	Pulse bag dust collector	7.5 kW ID fan	3000-6000 m³/h	1.8×2.1×3.6 m	-	64 bags DIA 130 mm · >=99.5% efficiency · emission <=30 mg/Nm³ · pulse-jet cleaning
BCS-4	Batching dust collection	11 kW ID fan	8000-11000 m³/h	-	-	Silo dust covers + pipe + pulse bag collector

Fertilizer Conveying Equipment

Automation | Screw conveyors, bucket elevators and mobile belt conveyors - reliable material transport between every process stage of your fertilizer line.

Model	Type	Power	Capacity	Dimensions	Weight	Notes
B500 / B600	Belt conveyor	by model	by model	width 500 / 600 mm	-	"V" rubber belt 4 layers 10 mm · support included
BD-600	Big-angle belt conveyor	by model	by model	width 500 mm · length 10 m	-	Ribbed belt

Model	Type	Power	Capacity	Dimensions	Weight	Notes
B600-10	Mobile belt conveyor	3+0.75 kW	by model	by model	-	Moving wheels + angle adjusting device
E250 / SXNE50	Bucket elevator	5.5 kW	35-60 m³/h · lift <=45 m	by model	-	Bucket 15.7 L · 300 mm pitch · double-row plate chain · <=60 mm feed
SX159	Screw conveyor	2.2 kW	by model	length 4 m	-	Standard screw conveyor
MS-500	Iron separator	-	-	-	-	Permanent magnets · hanging type

Automatic Bucket Packing Scale

Packaging | Quantitative automatic packing scale with single or double bucket - compact integrated structure with 2‰ system accuracy for fertilizer bagging.

Model	Type	Power	Capacity	Dimensions	Weight	Notes
SXBZ-02	Double-scale filling & weighing	0.5 kW	20-30 bags/min	710×840×1800 mm	150 kg	5 g-6 kg/bag · accuracy <=±0.3% · 304 stainless steel
SXDC-2A	Liquid packaging machine	<=0.1 kW	240-480 bottles/h	1000×850×1436 mm	-	1-50 L · accuracy >=0.1% · 304 stainless steel

Automatic Feeding Machine & Silos

Automation | Automatic feeding machines, product and buffer silos and additive screw scales - the reliable front end that meters material into your line.

Model	Type	Power	Capacity	Dimensions	Weight	Notes
SXAF-2030 / 2040	Automatic feeding machine	2.2+4+0.37 kW	by model	silos 2×3 / 2×4 m	-	Silo 5 / 7 m³ · 4 mm plate · VFD conveyor · inspection ladder + perforated strainer
SXPS-1212	Product silo	-	1.0 m³	-	-	4 mm plate · support included · for packing storage
SXBS-1220	Buffer silo	-	1.5 m³	-	-	4 mm plate · buffers material before packing
SZ-1.5	Screw scale	by model	0.01-10 t/h	-	-	Accuracy <=0.5% · 304 stainless steel · for additives

Disc Feeder

Automation | Rotary disc feeder that evenly feeds raw material into granulators - available from DIA 1.6 m to DIA 3.0 m.

Model	Type	Power	Capacity	Dimensions	Weight	Notes
SXPJ-1600	Disc feeder	7.5 kW	2-4 t/h	1600×1600×1800 mm	0.79 t	Disc DIA 1.6 m · edge 400 mm
SXPJ-1800	Disc feeder	7.5 kW	3-5 t/h	1800×1800×1800 mm	0.84 t	Disc DIA 1.8 m · edge 400 mm
SXPJ-2000	Disc feeder	7.5 kW	4-6 t/h	2000×2000×1850 mm	0.97 t	Disc DIA 2.0 m · edge 400 mm
SXPJ-2200	Disc feeder	7.5 kW	6-8 t/h	2200×2200×1850 mm	1.05 t	Disc DIA 2.2 m · edge 400 mm
SXPJ-2500	Disc feeder	11 kW	8-10 t/h	2500×2500×2000 mm	1.39 t	Disc DIA 2.5 m · edge 400 mm
SXPJ-3000	Disc feeder	15 kW	10-12 t/h	3000×3000×2000 mm	1.6 t	Disc DIA 3.0 m · edge 400 mm

Double-Stage Hammer Crusher

Crushing & Screening | Two-stage hammer crusher reducing feed up to 100 mm to <=3 mm at 10-15 t/h - ideal for compound fertilizer and mineral pre-crushing.

Model	Type	Power	Capacity	Dimensions	Weight	Notes
SXPC-600×400	Double-stage hammer crusher	15+18.5 kW	10-15 t/h	2350×926×1630 mm	-	Inlet <=100 mm · output <=3 mm

MSW Shredder

Crushing & Screening | Alloy-blade shredder for municipal solid waste, plastic, metal, wood and biomass waste - reduces material to 2-3 cm for further processing.

Model	Type	Power	Capacity	Dimensions	Weight	Notes
SXSH-600	MSW shredder	7.5×2 kW	1-1.5 t/h	1500×900×1700 mm	-	Feed 600×800 mm · output 2-3 cm · alloy blades

Raymond Mill System

Crushing & Screening | Complete Raymond milling system for fine mineral and fertilizer powder - 0.125-0.044 mm finished fineness, with cyclone and bag dust collection.

Model	Type	Power	Capacity	Dimensions	Weight	Notes
5R65	Raymond mill system	7.5+7.5+1.1 kW	1-2 t/h	by model	-	0.125-0.044 mm · mill + cyclone + bag filter
5R990	Raymond mill system	75+55+7.5 kW	5-6 t/h	by model	-	0.125-0.044 mm · ring DIA 1280 mm · roll DIA 410 mm
990	Raymond mill system	30+22+3 kW	≈5 t/h	by model	-	0.125-0.044 mm · mill + cyclone + bag filter
SX-4121	Raymond mill system	75+75+7.5 kW	8-10 t/h	by model	-	0.125-0.044 mm · ring DIA 1280 mm · roll DIA 210 mm

Hot Air Stove

Drying & Cooling | Hot-air stove providing clean, high-temperature air for rotary dryers - Q235B shell with refractory-lined interior, fueled by gas, wood or coal.

Model	Type	Power	Capacity	Dimensions	Weight	Notes
F-0.8 / 1.0 / 1.2	Hot air stove	-	small dryers	by model	-	Q235B shell · refractory interior
F-1.5	Hot air stove	-	medium dryers	by model	-	Q235B shell · refractory interior
F-1.8	Hot air stove	-	large dryers	-	-	Big size built on site with our drawings · gas / wood / coal

Induced Draft Fan

Drying & Cooling | High-temperature induced-draft fans for dryer and cooler flue-gas removal - from 5.5 kW to 55 kW, matched to system air volume.

Model	Type	Power	Capacity	Dimensions	Weight	Notes
4C	ID fan	5.5 kW	2932-5564 m³/h	-	-	Pressure 1501-2221 Pa · 3550 r/min
5C	ID fan	7.5 kW	5360-9870 m³/h	-	-	Pressure 1549-2265 Pa · 2900 r/min
6C	ID fan	15 kW	10314-20628 m³/h	-	-	Pressure 1733-2734 Pa · 2240 r/min
8C	ID fan	22 kW	17463-22435 m³/h	-	-	Pressure 1726-2501 Pa · 1600 r/min
10C	ID fan	30 kW	31237-43722 m³/h	-	-	Pressure 1505-1902 Pa · 1000 r/min
12C	ID fan	55 kW	63953-67457 m³/h	-	-	Pressure 1729-1859 Pa · 1000 r/min