

Conveyors



BK



BNH



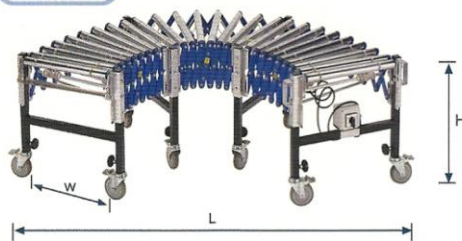
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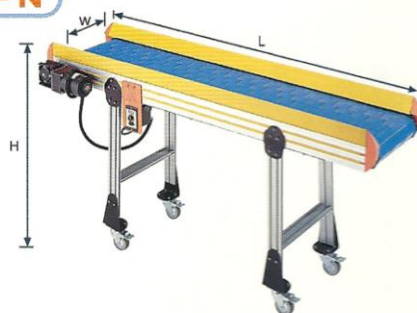
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NRB



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The System:

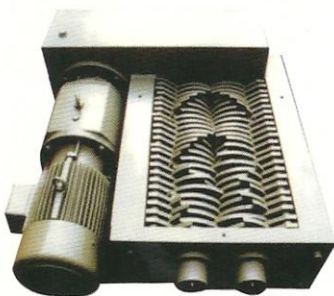
Low Speed, low noise, contra-rotating involute toothing shafts equipped with individually exchangeable cutter discs and spacers. Compact construction, solid weldment, low power consumption.

The Smart PLC Control:

The control will automatically reverse cutters if overloading occurs to release the jammed materials. Motor will stop if this reversing action is more than 3 times consecutively.

Applications:

Tin boxes, plastic, palletes, cardboard, wooden boxes, computer listings, metal chips, complete folders including clamps.



Type		ZM 2	ZM 52
Cutting Device	mm	650x440	650x540
		800x440	1050x540
Drive	kw	7.5/11	15/18.5/22
Capacity	kg/hr	250-400	500-1000
Weight	kg	1500	3000

Design and specification are subjected to change without prior notice.

Central Granulator



AQ-30

Model		AQ -160	AQ -250	AQ -300	AQ -7.5	AQ -10	AQ -15
Horsepower	hp	2-5	3-5	5-7	7.5-10	10-15	15-20
Chamber Size	mm	160x250	250x250	300x250	300x280	380x280	450x320
Fix Knives	pc	2	2	2	2	2	2
Rotating Knives	pc	3	3	6	6	6	6
Granulating Capacity	kg/hr	30-50	40-75	75-100	140-350	140-400	300-700
Machine Weight	kg	260	450	580	800	1000	1300
Machine Size (LxWxH)	mm	1000 600 1430	1000 700 1430	1010 750 1430	1070 800 1580	1380 950 1650	1450 1030 1700



AQ-300

Model		AQ -20	AQ -25	AQ -30	AQ -60	AQ -75	AQ -100
Horsepower	hp	20-25	25-30	30-40	40-50	50-75	60-100
Chamber Size	mm	450x370	480x370	560x450	600x450	750x450	1000x550
Fix Knives	pc	2	2	2	2	2	2
Rotating Knives	pc	6	6	12	12	12	18
Granulating Capacity	kg/hr	480-960	500-1000	550-1100	650-1300	900-1600	1000-1800
Machine Weight	kg	1450	1500	2000	2500	3100	3800
Machine Size (LxWxH)	mm	1530 1170 1760	1530 1200 1760	1450 1250 2000	1800 1300 2150	1800 1450 2150	1850 1750 2200

Material Storage Tank Sizes (mm)

Ø A	B	C	D	E
650	2600	650	1400	950
775	2600	650	1400	1100

Blower Specification

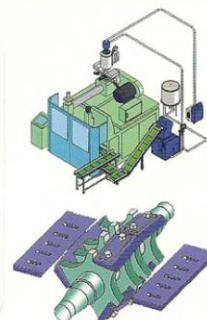
Model	Power (hp)	Air Pressure (mm Aq/h2)	Air Flow (m3/mm)	Inlet Diameter (mm)	Outlet Diameter (mm)	Weight (kg)
TJ-313	3	400-450	13-15	100	100	80
TJ-515	5	600-650	15-18	100	100	95
TJ-718	7.5	800-850	17-20	125	100	120

TJ313

Design and specification are subjected to change without prior notice.

Features:

- Soundproof
 - Two-layer mezzanine design on upper hopper
 - fully closed design on lower body
 - Sound insulated silk made of heat resistant rubber
- "Scissors" cutting design
- Energy saving
- Frictional heat and dust minimizing
- Optimum access to the cutting chamber for cleaning and maintenance



Beside the press Granulator



A-300



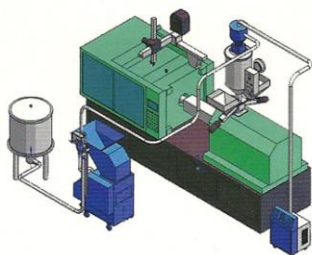
A-250



AH-380

Features:

- Low-speed rotor with three full bicdes inclined with respect to the fixed blade for a "scissors" cutting effect which reduces both stress and noise.
- Double-cut reversible blades for maximum utilisation of blades and minimised spares costs. Highly efficient cut. Less noise & Less heat.



Model		A - 160	A - 250	A - 300	A - 320
Horsepower	hp	2	3-5	3-5	3-7.5
Chamber Size	mm	160 x 250	250 x 250	300 x 250	320 x 270
Weight	kg	200	280	360	420
Machine size (LxWxH)	mm	800 x 460 x 1350	800 x 550 x 1350	800 x 580 x 1350	800 x 600 x 1350
Model		AH - 180	AH - 280	AH - 380	AH - 480
Horsepower	hp	2	2	3	5
Rotor Speed	rpm	30	30	30	30
Chamber Size	mm	175 x 280	270 x 280	365 x 280	460 x 280
Weight	kg	195	225	300	450
Machine size (LxWxH)	mm	800 x 600 x 1280	800 x 600 x 1280	800 x 650 x 1300	800 x 700 x 1300

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Chiller



Air Cooled Water Chiller

The innovative design and quality construction throughout provides superior performance to conventional models.



YT-120S



YT-150S



YT-1500S



YT-3000S

Specification/Model		YT-120S	YT-130S	YT-150S	YT-750S	YT-1000S	YT-1500S	YT-2000S	YT-2500S	YT-3000S
Ice Water Temp	°C	5-25								
Refrigerating Capacity	Kcal/H-50Hz	5040	7560	12600	18900	25200	37800	50400	63000	75600
	Kcal/H-50Hz	6048	9073	15120	22682	30242	45363	60480	75600	90720
Power Supply	v	3Ø220V-440V								
Rated Power	kw	2	3	5	8	10	14	18	23	27
Compressor Horsepower	hp	2	3	5	7.5	10	15	10x2	12.5x2	15x2
Compressor Type								Hermetic type compressor. 50%-100%		
Fan Horse Power	hp	1/3	1/2x 1		1/2 x 2		1 x 2		1 x 3	
Fan Blade	inch	18	24		24 x 2		28 x 2		28 x 3	
Air Volume	cmm	65	130		260		280		420	
Pump Horsepower	hp	1/2		1	2				3	
Ice Water Flow	l/min	60	80	120	180		210		320	
Dilation Water Tank	l	35	70		120		200		350	
Ice Water Fitting Pipe	inch	1			1.5		2		2.5	
Cooling Medium	r	R407C								
Temperature Control		Micro-computer LED and touch screen temperature controller								
Size (LxWxH)	cm	82 x 65 x 110	90 x 88 x 158		167 x 88 x 177		196 x 106 x 196		262 x 112 x 200	
Weight	kg	150	230	280	380	450	600	800	880	980

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Features:

- Micro-computer temperature control
- Top blowing design with optimum heat dissipation
- Superior performance condenser
- Stainless steel chilling unit
- Stainless Steel expansion water tank
- World -class compressor – COPELAND, AMNEUROP
- Comprehensive safety guards

Shaking Screening Machine and Film Edge Trim For Medium-High Thickness



Shaking Screening Machine

Features:

Remove powder, promote quality of product, decrease defective rate. Suitable for transparent and pure white materials; better recycle effect for pure white materials



SK-100

Model		SK - 100	SK - 200	SK - 300
Horsepower	hp	1/8	1/8	1/8
Machine Weight	kg	60	70	90
Machine size (LxWxH)	mm	800 X 460 X 1350	800 X 550 X 1350	800 X 580 X 1350

Design and specification are subjected to change without prior notice.

Film Edge Trim for Medium-High Thickness

Features:

- Automatic fitting of rollers to the thickness of film trims.
- Electric motors with high sliding torque prevent film break down.
- Traction group driven by adjustable inverter system with constant pull.



AF-250

Model		AF - 160	AF - 250	AF - 300	AF - 750	AF - 1000
Max Edge Width	mm	160	250	300	300	1000
Feeding Speed	m/min	0-30	0-30	0-30	0-60	0-60
Chamber Size	mm	160 x 250	250 x 250	300 x 250	750 x 450	1000 x 500
Fixed Knife	pcs	2	2	2	2	2
Rotating Knife	pcs	3	3	6	12	18
Machine Weight	kg	250	360	400	2200	3000
Machine Size (LxWxH)	mm	900	900	900	1600	1650
		530	610	660	1450	1700
		1500	1500	1500	1800	1800

Design and specification are subjected to change without prior notice.



Features:

- Simultaneous automatic feeding for saving manpower, stock of ready-mixing material and keeps material consumption low.
- Two ways material inlet base is designed to ensure more consistent and accurate mixing and to change materials quickly.
- It can dose masterbatch or additive accurately without mixer.
- Using stepping motor to control RPM speed of dosing ensures accuracy.
- Masterbatch hopper is equipped with material shortage alarm for convenient operation.
- PLC and human machine touch panel controller will calculate RPM speed properly and operate automatically by entering the moulding data. It can save up to 20 sets of moulding data.
- Dosing timer (IMD series) is used to control the dosing time to complement the inconsistent material feeding frequency.
- To ensure the colour consistency of product, the RPM of masterbatch doser (EMD series) will be controlled simultaneously by the RPM of extruder.

Specification/ Model	Injection Type Extruder Type	ID - 08 ED - 08	ID - 10 ED - 10	ID - 15 ED - 15	ID - 30 ED - 30	ID - 45 ED - 45	ID - 60 ED - 60
Dosing Screw	Diameter (mm)	8	10	15	30	45	60
Dosing Motor	Type	Stepping Motor					
	Torque (N/m)	36				66	
	Speed (rpm)	0.1-300					
Control Type Controller	Touch Panel with 5.7" Human-Machine Interface & PLC Controller						
Dosing Capacity per turn in granule (gram)		0.2	0.8	2.6	18.1	46.5	86.7
Dosing Capacity per hour in granule (kg/hr)		0.02-3.6	0.05-14.4	0.02-46.8	0.2-325.8	0.3-837	0.6-1560
Masterbatch Hopper (liter)		15					
Power Utility		Single Phase/AC220V					
Total Load (kw)		0.3				0.5	
Dimension	Main Body	600 x 320 x 460					
WxDxH (mm)	Controller	300 x 400 x 1060					
Weight (kg)	Main Body	10					
	Controller	15					

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Hopper



The innovative design and quality construction throughout provides superior performance to conventional models.



AHD-50-ICCE

Hopper dryers are designed for drying non-hygroscopic plastics granules with hopper capacities up to 560kg. It blows from the bottom cone via a shade separator to enable even distribution of hot air. The stainless steel interior applies heat insulation to the blower to extend its lifespan. It can accurately control temperature and has an overheated protection device. All models offer microprocessor controller (except AHD400 and AHD560) which can automate calculation for more precise temperature. We offer options for adding timer, magnet base, steel frame and dust collector etc, so as to improve quality and efficiency.

Features with Microprocessor Controller

- ☀ P.I.D value self tuning, ease of operation
- ☀ Temperature deviation +/- 1°C
- ☀ High/Low temperature alarm
- ☀ Temperature setting either on °C or °F

Model	Capacity (kg)	Heating Power (kw)	Blower Power (w)	Applicable Model (oz)
AHD-12-ICCE	12	2	60	1
AHD-25-ICCE	25	3	90	3
AHD-50-ICCE	50	3.8	200	8
AHD-100-ICCE	100	8	250	10-30
AHD-200-ICCE	200	11	400	30-60
AHD-400-CE	400	20	600	60 and above
AHD-560-CE	560	23	600	60 and above

Design and specification are subjected to change without prior notice.

Remark

- ☀ For adding timer, model denotes "T"
- ☀ For CE general model, model denotes "CE"
- ☀ For microprocessor control, model denotes "IC"
- ☀ For CE microprocessor control model, model denotes "ICCE"

Autoloader



Self-contained Autoloader

The AML-430 series is a compact and light weight autoloader. This series is suitable for conveying virgin material.

Model	Motor		Source	Conveying capacity	Conveying height	Size (LxWxH) mm
	Type	Specification				
AML-430	Induction	1HP/3 Phase	220 – 480V	400 kg / hour	4 m	500 x 370 x 730

Separate-vacuum Autoloader

This series uses a 3 phase, quiet and powerful induction motor. It is equipped with an alarm and auto fan-reverse function. The main controller and suction hopper are split for ease of operation and maintenance.

Options:

Vortex Cyclone (VC) can be used on any autoloader to prevent dust from being discharged into the surrounding area.



Model	Motor		Source	Conveying capacity	Conveying height	Size (LxWxH) mm	Weight	
	Type	Specification					Main	Suction Hopper
AML-510	Induction	1HP/3 Phase	220 – 480V	400kg/hr	4 m	503 x 380 x 720	50kg	8kg
AML-520	Induction	2HP/3 Phase	220 – 480V	550kg/hr	7 m	503 x 380 x 720	55kg	8kg
AML-460 (3HP)	Induction	3HP/3 Phase	220 – 480V	800kg/hr	10 m	520 x 420 x 880	56kg	20kg
AML-460 (5HP)	Induction	5HP/3 Phase	220 – 480V	1000kg/hr	10 m	520 x 420 x 880	62kg	20kg

Model	Capacity	Weight	Controller
SH-S (Standard)	12L	8kg	Limit Switch
SH-GS (Glass)	12L	12kg	Limit Switch
SH-T	51L	20kg	Limit Switch

Suction Hopper



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