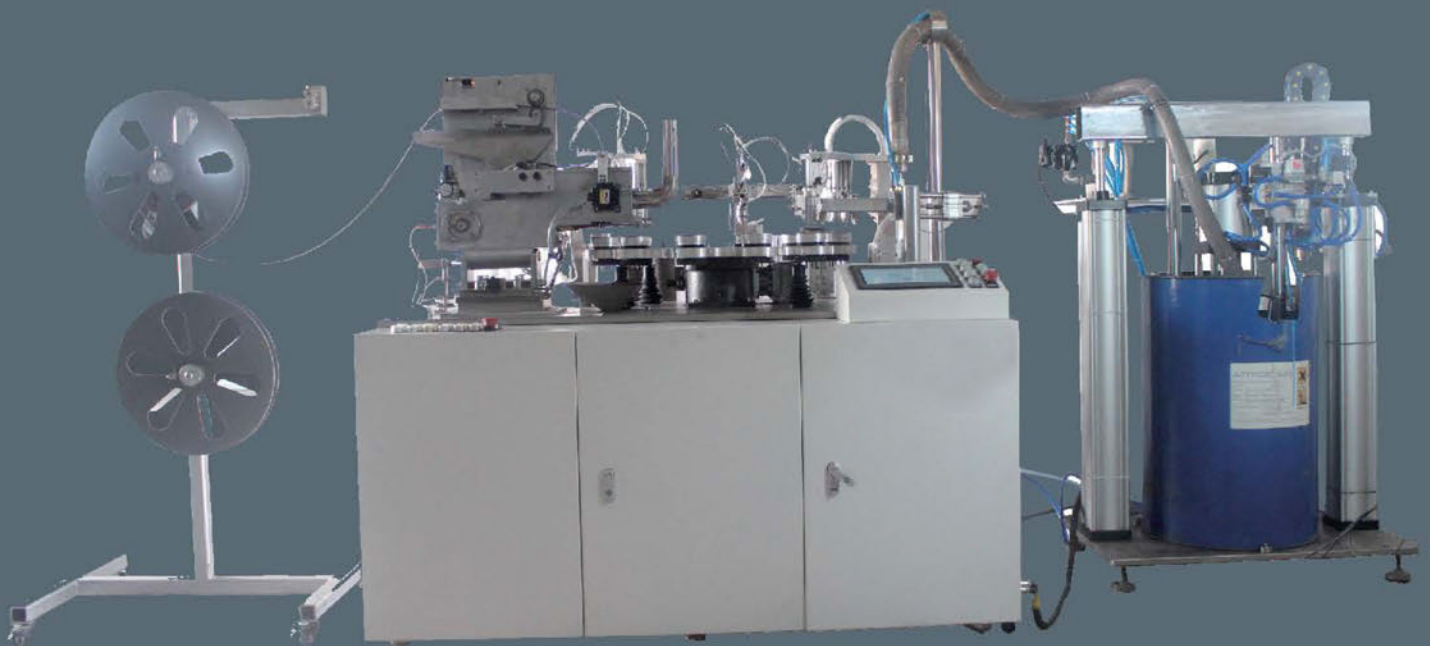
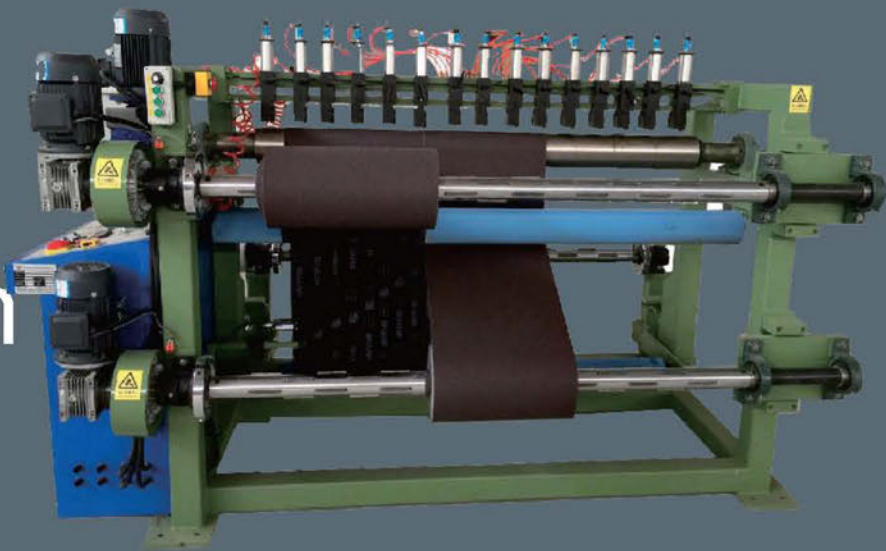




OLYMPUS ABRASIVES

Coated
Abrasives
Conversion
Machines



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Coated Abrasives Conversion Machine

Jumbo roll splitter

Applications: Designed to slit abrasive jumbo rolls into narrow rolls with maximum slitting width 1650/2000mm

- Pneumatic expanding shaft on unwinder and rewinder
- Automatic deviation correction with unwinder

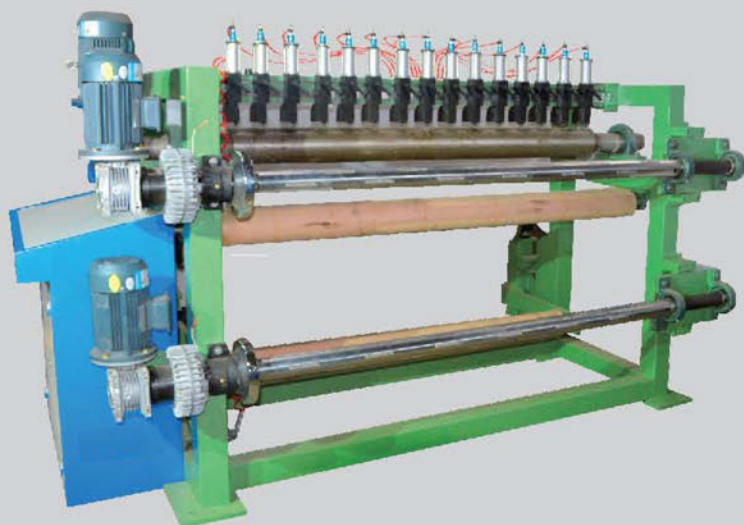
Technical parameters

Model	OASLT-1650A/B
Slitting Width	50/100~1650mm
Variable Slitting Speed	2~10m/min
Electromagnetic Force	~25N.m
Blade Setting Pressure	6~60Kgf
Max. Unwinder Diameter	700mm
Max. Rewinder Diameter	600mm
Slitting Accuracy	±0.5mm
Installed Power	3KW
Pneumatic Pressure	0.7Mpa
Size (L x W x H) (mm)	2600x1550x1600
Approx. Weight	1800kgs



Technical parameters

Model	OASLT-1650N
Slitting Width	50~1650mm
Variable Slitting Speed	2~10m/min
Electromagnetic Force	~25N.m
Blade Setting Pressure	6~60Kgf
Max. Unwinder Diameter	700mm
Max. Rewinder Diameter	600mm
Slitting Accuracy	±0.5mm
Installed Power	6KW
Pneumatic Pressure	0.7Mpa
Size (L x W x H) (mm)	3060/3460x1810x1900
Approx. Weight	2200/2400kgs



Coated Abrasives Conversion Machine

Simple roll splitter

Applications and Characteristics:

Designed to slit abrasive rolls into narrow rolls with maximum width 500mm

- Pneumatic expanding shaft on unwinder and rewinder



Technical parameters

Model	OASLT-500
Slitting Width	6-500mm
Variable Slitting Speed	2-10m/min
Electromagnetic Force	25N.m
Blade Setting Pressure	200-800Kgf
Slitting Accuracy	0.5mm
Installed Power	1.5KW
Pneumatic Pressure	0.7Mpa
Size (L x W x H) (mm)	1500 x 1050 x 1000
Approx. Weight	1100kgs

Cutting to length machine

Applications and Characteristics:

Designed to designed to cut wide belts of width 1800 mm (2050 mm also available)



Technical parameters

Model	CTL-1500/1800	CTL-W-1500/1800	CTL-W-1800N
Max Cut Width	1500/1800mm	1500/1800mm	1800mm
Cutting Angle	Clockwise or counterclockwise 67°-90°	Clockwise or counterclockwise 67°-90°	Clockwise or counterclockwise 67°-90°
Cutting Edge Shape	Rectilinear	Rectilinear/wavy	Rectilinear/wavy
Cutting Method	Reciprocating shearing cutting	Reciprocating crush cutting	Reciprocating crush cutting
Pneumatic Pressure	0.7Mpa	0.7Mpa	0.7Mpa
Locking Rolls	Pneumatic single edge	Pneumatic double edges	Pneumatic double edges
Power	0.75KW	0.75KW	0.75KW

Coated Abrasives Conversion Machine

Automatic cutting machine

Applications: Designed to cut abrasive rolls into abrasive sheet in shearing way with maximum width 600mm



Technical parameters

Model	CTL-A500
Knife Width	500mm
Cutting Method	Shearing cutting
Cutting Angle	Clockwise or counterclockwise $\pm 67^\circ$
Cutting Edge	Rectilinear
Cutting Speed	10000mm/min
Installed Power	1KW
Pneumatic Pressure	0.7Mpa
Bench Size	2000 x 500 x 800mm(L x W x H)

Automatic cutting to length machine

Applications: Designed to cut abrasive rolls into abrasive sheet in punch way with maximum width 600mm

Technical parameters

Model	CTL-W-A600
Cutting Width	600mm
Cutting Method	Crush cutting
Cutting Angle	Clockwise or counterclockwise $\pm 67^\circ$
Cutting Edge	Rectilinear & wavy
Installed Power	1KW
Pneumatic Pressure	0.7Mpa
Bench Size	2000 x 700 x 800mm(L x W x H)



Coated Abrasives Conversion Machine

Skiving machine

Applications and features:

- Mainly for processing paper and cloth, narrow and wide belts
- Automatic operation and continuous feeding



Technical parameters

Model	SKM-800/1400	SKM-C-NG	SKM-C-N	SKM-C-NGT
Skiving Belt Width	800/1400mm	Continuous feeding, never-ending		
Skiving Speed	50-200mm/s	30-200mm/s		
Skiving Mode	Diamond wheel, abrasive belts, strip disc			
Locking Joint	By hand/Pneumatic	Pneumatic		
Pneumatic Pressure	0.7Mpa	0.7Mpa		
Installed Power	3KW	7KW	10KW	10KW
Option	-	-	Auto gluing	Auto gluing, auto taping



Coated Abrasives Conversion Machine

Roller press machine

Applications: Air pressure fix the joint, continuously press the abrasive belt joint at high efficiency

Technical parameters

Model	PRS-OA-400
Abrasive Belt Length	500 ~ 1500mm
Abrasive Belt Max Width	400mm
Roller Press Speed	30 ~ 200mm/s
Roller Pressure	200kgf
Power	1KW
Weight	300kgs



Abrasive belt press

Applications: Designed to press the joints of abrasives belts with maximum width 1600mm



Technical parameters

Model	PRS-OA-1600
Pressing Width	480/800/1600mm
Pressing Mode	static
Pressure	380Kgf (adjustable)
Pressure (stepless control)	15/25/40T
Pressing Period	1-99 seconds
Press Head Temperature	20-60 °C
Installed Power	5/4.2/5KW

Abrasive belt press

Applications: Designed to press the joints of abrasives belts with maximum width 2000mm

Technical parameters

Model	PRS-OAW-1600/1900
Pressing Width	1600mm, 1900mm
Pressing Mode	Rolling
Pressure (adjustable)	380Kgf
Press Head Temperature	20-60°C
Installed Power	1.1KW + 2KW(heating)
Size (L x W x H) (mm)	3100 x 600 x 1550mm
Approx. Weight	1500kgs



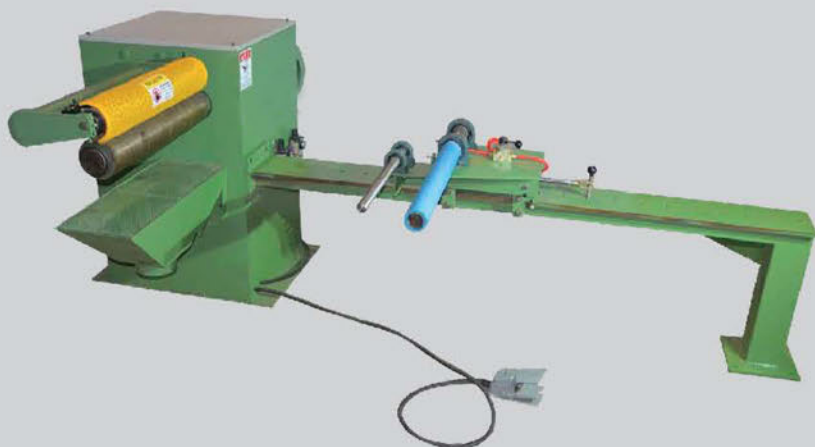
Coated Abrasives Conversion Machine

Wide belt splitter

Applications: Designed to slit wide belt into narrow belt with maximum width 2000mm

Technical parameters

Model	WBSLT-1400/1650
Slitting Belt Width	1400/1650mm
Belt Length	1400-3200mm
Knife Pressure	500Kgf(adjustable)
Belt Tensioning	500Kgf(adjustable)
Installed Power	2.2KW
Pneumatic Pressure	0.7Mpa
Approx. Weight	1200kgs



Narrow belt splitter

Applications: Slit wide belts into narrow belts with maximum width 300mm/400mm/650mm

Technical parameters

Model	NBSLT-300	NBSLT-400	NBSLT-650
Slitting Belt Width	6~300mm	10~400mm	10~650mm
Belt Length	260~800mm	340~1500mm	530~4000mm
Blade Pressure	500Kgf(adjustable)	500Kgf(adjustable)	500Kgf(adjustable)
Belt Tensioning	120Kgf(adjustable)	120Kgf(adjustable)	180Kgf(adjustable)
Installed Power	0.75KW	1.5KW	2.2KW
Pneumatic Pressure	0.7Mpa	0.7Mpa	0.7Mpa
Size(L x W x H) (mm)	1000 x 1000 x 800	1200 x 1100 x 900	2900 x 1600 x 1200
Approx. Weight	500kgs	800kgs	900kgs



Full Automatic Flap Disc Machine

Technical parameters

Model	FDM-OA
Machine Data	
Stations of Rotary Plate	8
Electrical Power Supply	380V/50-60HZ
Air Consumption	100liters/min
Glue Pump	280kgs/30kgs
Product Data	
Flap Disc Type	T27/T29
Flap Disc Surface	Conventional Disc, Double Same Cloth Disc
Flap Disc Backing	Fibreglass, Plastic, Nylon, Metal
Backing Disc Size	Φ75~170mm
Flap Disc Size	100~180mm
Flap Size(W x L)	20~40 x 5~25mm
Glue Consumption per Flap Disc	
100 mm / 4"Flap disc	5~8g
115 mm / 4.5"Flap disc	8~12g
125 mm / 5"Flap disc	12~16g
180 mm / 7"Flap disc	20~30g
Flaps on each flap disc	45~150pcs
Max. backing capacity	1200pcs
Max. disc capacity	50pcs



Semi Automatic Flap Disc Machine

Technical Parameters:

Electric Plant Characteristics:

- Installed Power: 4KW + 1.5KW (Dust) + 2.5KW (Heating)
- Voltage: 380V (indicated on the electric board)
- Auxiliary Voltage: 24V
- Operation: Electric mechanical

Production Performances:

- Disc Size: Diameters 100, 115, 125, 150, 180mm
- Flap Size: Width 20-40mm, Length 15-28mm
- Flap Numbers: 45-150pcs

Production Efficiency:

- 12pcs flap discs (single-flap 115*22*72 laps disc) per minute
- 10pcs flexible flap discs (100*16, 45pcs flaps of 26*27mm) per minute

Technical parameters

Model	SAMFW
Stations of Rotary Plate	8/12
Electrical Power Supply	380V/50-60HZ
Air Consumption	100liters/min
Glue Pump	280kgs/30kgs
Flap Disc Type	T27/T29
Flap Disc Surface	Conventional & Flexible Flap Disc
Flap Disc Backing	Fibreglass, Plastic, Nylon, Metal
Backing Disc Size	Φ50~170mm/Φ100~125mm
Flap Disc Size	Φ100~180mm/Φ100~125mm
Flap Size (W x L)	20~40 x 2~30mm



Semi Automatic Mounted Flap Wheel Machine

Technical parameters

Model	MFW-4
Mounted Flap Wheel Scope	Outer diameter 25-80mm, thickness 25-40mm
Feeding Flap Size	Length: 1-30mm (can be adjusted online), width: 20-30mm
Controlling	Digital display and program control
Production rate	5-10 sec
Production Quantity	2000-4000pcs/8 hours
Machine Size	1200 x 1000 x 1400(L x W x H)
Weight	450kgs
Power	4KW



Produce time

Flap wheel diameter	Axile	Grit	Flaps quantity (pcs)	Arranging time (seconds)
25	6.3	60	37	6.2
30	6.3	60	39	6.4
40	6.3	60	45	7.2
50	6.3	60	56	8.2
60	6.3	60	68	9.4
25	6.3	80	39	6.4
30	6.3	80	42	6.7
40	6.3	80	50	7.5
50	6.3	80	60	8.6
60	6.3	80	70	9.6

Electrical Curing Oven

Technical Parameters:

- Adopt automatic processing control
- Adopt SRQ-220V/1.0KW electrical heating tubes as heating component
- Two 1.1m diameter fans work facing each other to form forcing air current, which avoids heating unevenness and great temperature difference
- Much better hardening due to heating the product on two sides at the same time
- The efficiency is increased greatly



Technical parameters		
Model	OVEN-S	OVEN-B
Highest Temperature	250℃	250℃
Working Temperature	Room temperature to 180 C	Room temperature to 180 C
Temperature Tolerance	±2℃	±2℃
Heating Power	12KW	28.8KW
Fan Motor Power	3KW	3KW
Installed Power	15KW	31.8KW
Consumption Power	8-9KW	10-12KW
Loading Size (LxW xH)	1160X1128X1170mm	1550X1450X1280mm
Oven Outer Size (LxW xH)	1840X1460X1600mm	2275X1760X1880mm
Oven Weight	1.2T	1.7T

Air Compressor and Flap Disc Accessories

Technical Parameters:

- As an ideal gas source equipment, widely applied in metallurgy, machinery, chemicals, mining and electric power industries
- Asymmetric linear design ensures the use of all energy consumption and to gain the maximum amount of compressed air with smallest energy consumption
- High efficiency, small energy consumption, low noise and long working life
- With fault diagnosis system, the control panel is easy to operate
- Concise intake control system
- Automatic water-cooling system for large air compressor to provide more efficient heat transfer capacity (water-cooled)
- Fully automatic operation, intelligence operations and remote control and linkage control



Blue Glue



Bunching shaft



Fibreglass Backing



Plastic backing



Abrasive cloth



Coated Abrasives Conversion Machines



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