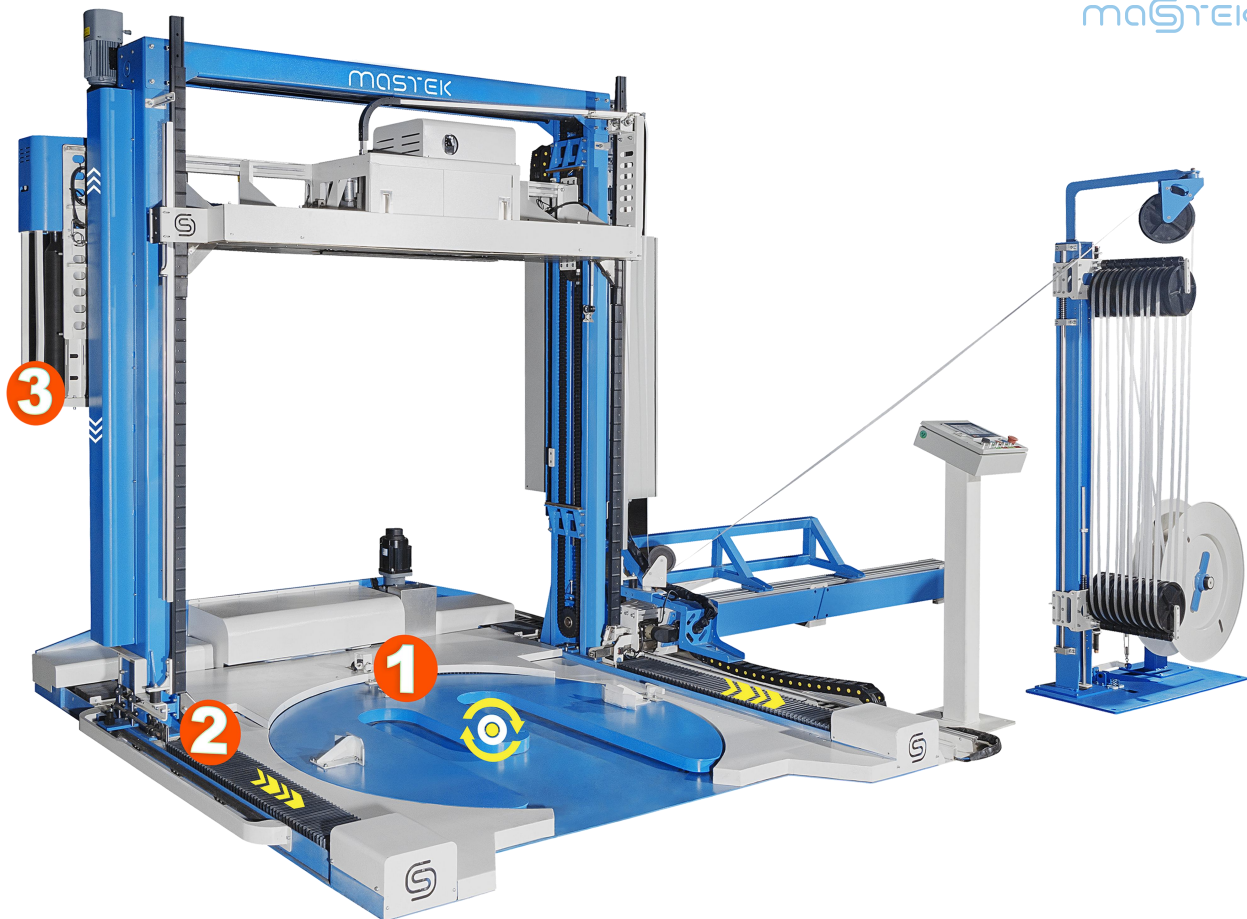THE OLD WAY FOR PALLET STRAPPING AND WRAPPING

MK900 FULLY AUTOMATIC STRAPPING & WRAPPING ALL IN ONE MACHINE
SAVE LARBOR * SAVE SPACE * HIGH EFFICIENCY

A NEW SOLUTION FOR PALLET STRAPPING AND WRAPPING

CE

SMART UNMANNED PACKAGING&TRANSPORTATION SOLUTION:
MK900 STRAPPING&WRAPPING + AGV HEMAX 01

MK900 Function Description

① M Shape Turntable

800KG load weight, 1650mm size, it is normally suitable for European pallet. M shape turntable is easy for Pallet Jacks or AGV to load pallets on machines (If the pallet size is more than 1.2 × 1.2m or the pallet weight is more than 800KG, we recommend using a 1500KG loading turntable with optional manual pallet jack ramp to load the pallet onto the machine)
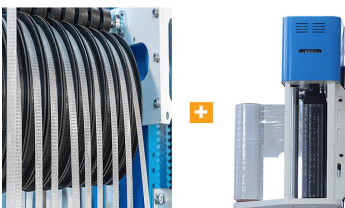
② Moving Frame

Servo Drived Frame is a standard feature on the MK900, which allows MK900 to accommodate different pallet sizes at the same time.
Working with turntable, Patten will be :2x0 2x2 0x2

③ Fully Automatic Wrapping Film Function

Film carriage with 250% pre stretch rate, fully automatic cutting and clamping film function, the stretching function DOES NOT require manual operation, and the operation is safe and convenient.

MK900 Features

MK900 :Patented Product By Mastek

MAXSERVICE

Pallet Strapping & Wrapping All In One
Save Labor & space
● Fully automatic strapping machine for both PET and PP. Servo drive moving frame is suited to different pallet sizes.
● Fully automatic wrapping machine with 250% pre-stretch

SMART Operation System
High efficiency
● Operation guidance (show on screen)
  Smart Alarm & solution find in screen
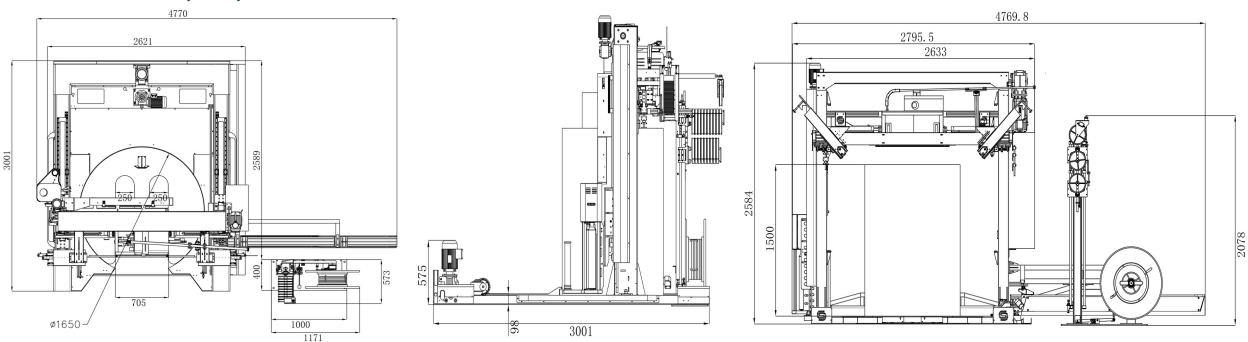● Fully automatic cutting and clamping film
● Remote start machine

Durable parts&Multiple service
Reliable Quality
● Ultrasonic Strapping Head
  SIEMENS Electric parts, SICK sensor...
● 3 years Warranty for Strapping Head
● IoT remote service +7x24 technical support service

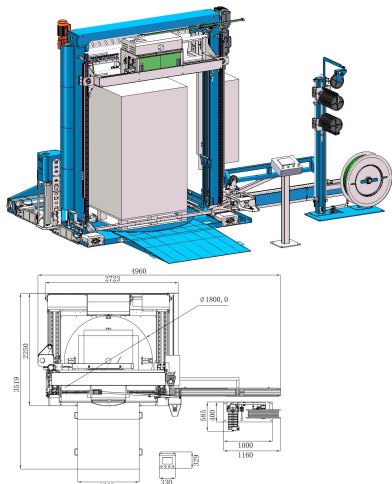| MK900 TECHNICAL DATA		MK900 STANDARD FEATURES	
Performance:		Strapping Head	Top-mounted Utrasonic SEPOII
Packing speed :	Approx. 25-30 pallet/hour	PLC Control	SIEMENS
	(Depending on product height and width)	Inverter	SIEMENS
Maximum pallet size	1200mm*1200mm（EUR-pallet ）	Touch Screen	Mastek IoT Screen /SIEMENS
Maximum load height	500mm（standard）– 1500mm	Up and down motor	SEW motor
Minimum load size	1000*800mm(W*H)	Sealing head motor	Servo motor
Maximum load weight	800KG （2000KG Optional）	Sword moving motor	Servo motor
Tension range	500-3000N (adjustable)	movable frame motor	Servo motor
Straps feeding speed	2m/second	Sensor	SICK
Joint sealing length	30mm	Turntable type	1650mm M shape
Straps		System Recipe	12 Modes
PET	1208（12mm wide/0.8mm thickness）	Film carriage pre strech rate	250%
	1508（15mm wide/0.8mm thickness）	Cutting and clamping film	Full automatic
	1908（19mm wide/0.8mm thickness）	Strap tension	Adjustable via touch panel
PP	1510（15mm wide/1.0mm thickness）	Sealing unit self clean system	Have
Stretch Film		End of strap signal	Automatic detect
	10-15KG 500mm high 14-23mic 300% stretch rate		
	230mm diameter 76mm paper core		
Strap Coil Dispenser:		Certification	CE
Maximum Coil size	600-760mm diameter* 150mm width	Technical support	24hrs x7 days a week
Coil Inner diameter	406mm+10mm	Machine Warranty	One year (3 years for strapping head)
Pneumatic Data			
Air consumption	2-3CFM @ 60-80 PSI	**Optional**	
Electricity:		①Turntable	2000KG load turntable with Ramp
Power consumption:	7KW	②AGV	HEMAX 01
Voltage	380V /415/480V/50or 60Hz 3phase	③Top Protection sheet folding device	For 5mm Paper sheet
Machine weight	1800KG	④Top edge protector applicator	100pcs *100mm*50/50mm*5mm (paper)
Machine size	3902*1581*2388mm	⑤Strapping head	Friction type (Only PET)

DIMENSIONS OF MACHINE (in mm)

Option Description:

High Compatibility Turntable: MK900 Pro

1800mm Turntable with maximum 1500KG load weight,
maximum suitable for 1.25x1.25m pallet.
Suitable for all kinds of pallet shape (Straps Though Hole Should over 250mm
lengthx80mm high)ramp for hand pallet jack to load the pallet on machine

HEMAX AGV System:HM01 （Base on SRC Laser SLAM）

1000KG maximum load weight, Lifting Height 174mm, fork Height 104
Laser Radar + 3D Havcam
8 Hours working time
Accurate Positioning +/- 10mm