

# WEI MENG

## HIGH-SPEED RASCHEL KNITTING MACHINES



Since 1978

**威盟工業股份有限公司**  
**WEI MENG INDUSTRIAL CO., LTD.**

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## SINGLE NEEDLE BAR RASCHEL KNITTING MACHINES

**Model:WMH**

### Features:

- 1 . Rugged, distortion - proof welded steel construction.
- 2 . Main drive by special cams, which are dynamically balanced, and run in oil in the machine bed.
- 3 . Machines available for widely different applicants.
- 4 . Applications from fine mesh to coarse mesh available.
- 5 . Suitable for Round Yarn & Flat Yarn.
- 6 . Lower investment and high returns.



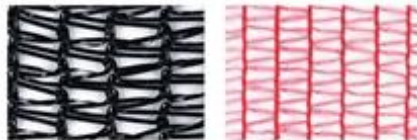
### MAIN APPLICATIONS

Nets for agricultural, construction and sports use, such as shade net, green house net, anti-birds & wind protection net , building safety nets, scaffold net, industrial cloths, football gate net & packing nets (for potato, onion, fruit) etc.

Shade Nets



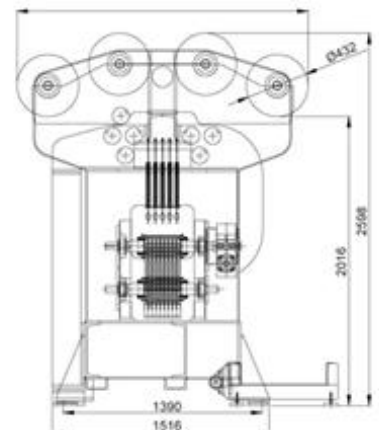
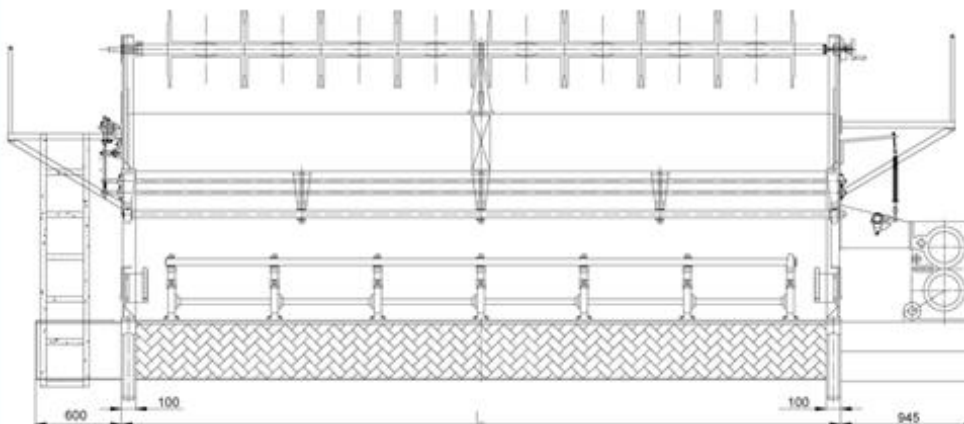
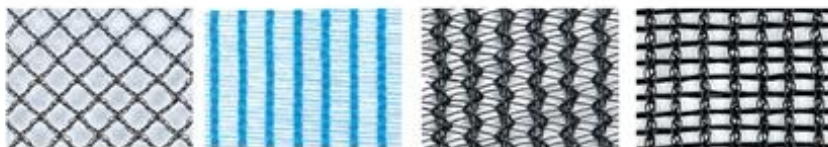
Flat Yarn Nets



Safety Nets



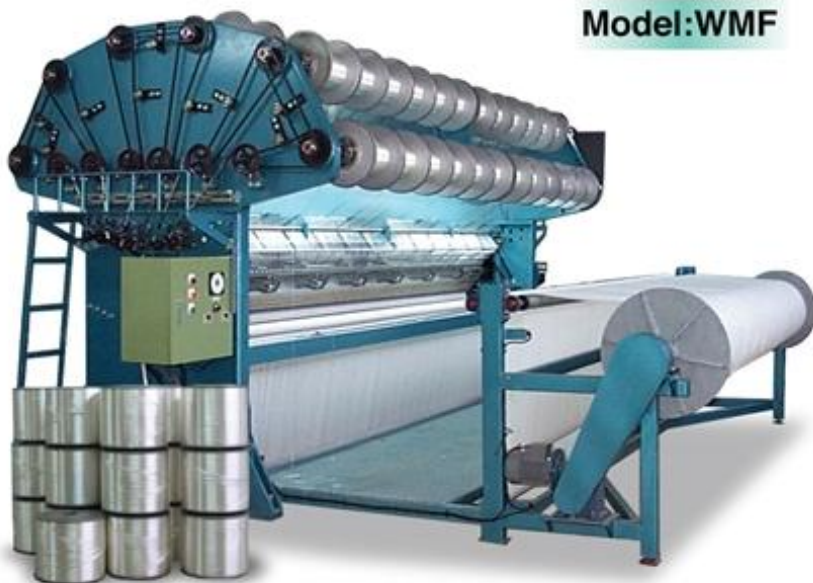
HDPE Round Yarn Nets





## KNOTLESS FISHING NETS MACHINES

Model:WMF



### Knitting elements:

Equipped with 1 latch needle bar, 6 ground guide bars(set 1 in-1 out), 2 pattern guide bars(for selvedge), 1 knockover comb bar, 1 stitch com bar.

### Drive:

Drive of the knitting elements by combined crank and special cam, which are dynamically balanced and run in oil in the machine bed. Inching drive for easier run-in and for control of knitting elements.

### Side Frames:

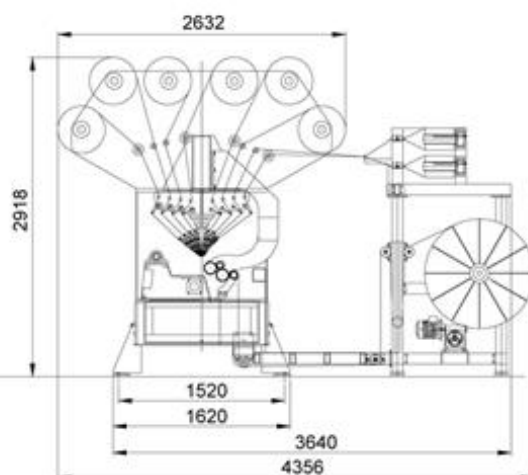
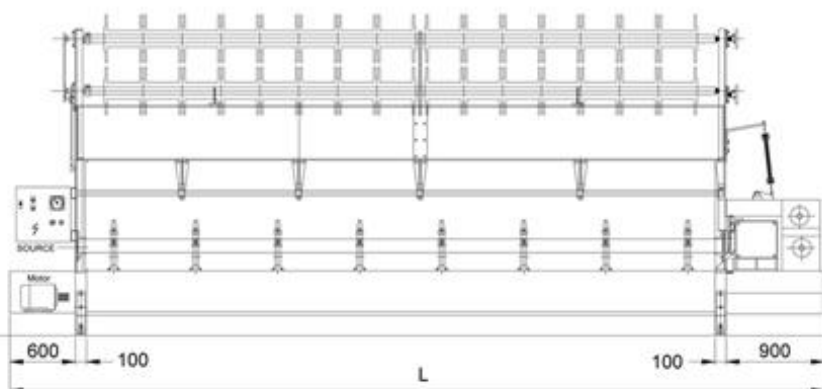
Provided for 6 yarn beams with 14"~21" flange diameter. Yarn feed and tension controlled by beam brakes or 3 automatic let-off device and selvedge yarn tensions.

### Fabric Take-Up and Batching device:

Four-roller fabric take-up with change gear box or servo motor drive. Separate batching device with its own drive for taking up a fabric roll of up to 40"=1016mm dia.

### Main drive:

Infinitely variable AC-motor.



## Double Needle Bar Raschel Machines For Manufacturing Packing Sacks

Model:WMD



### APPLICATIONS:

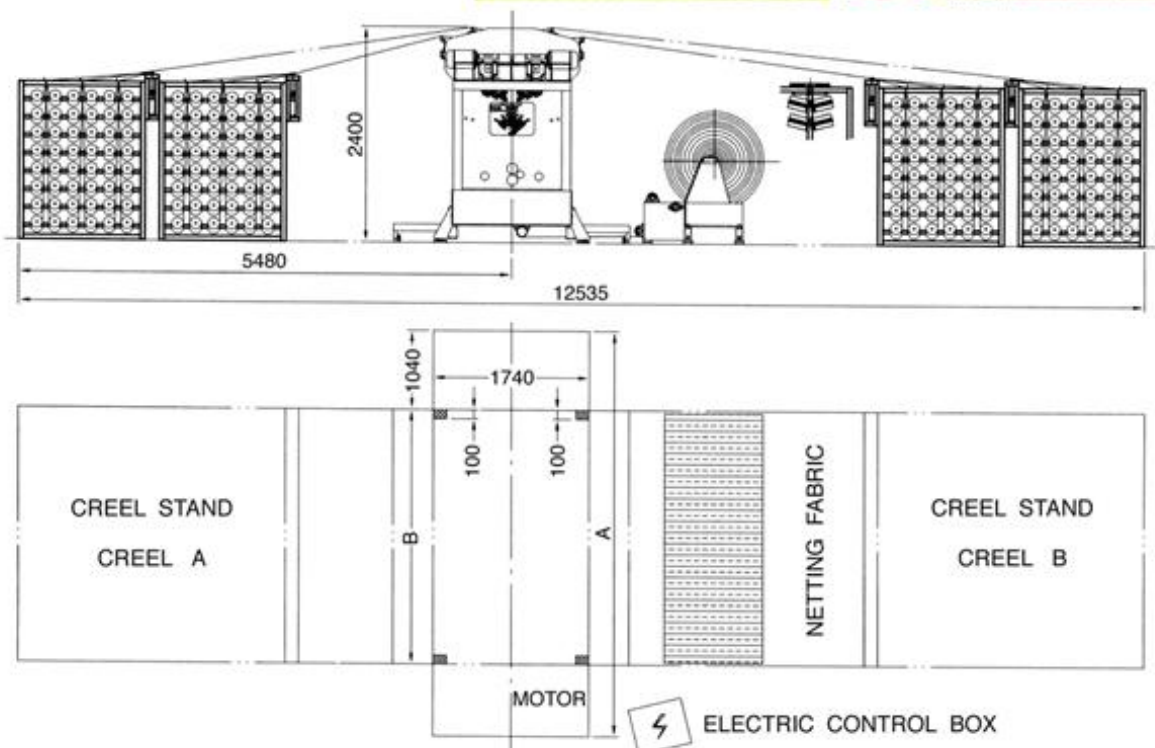
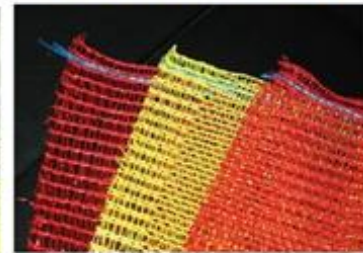
- 1 . Onion bags: (So-Calld " ready-made sacks " for packing orange, Lemon, potato,.....etc,)
- 2 . for special wide nets
- 3 . for double Layered nets.

Yarn let-off system method described below:

- A. Yarn feeding from slitting extension machine(ISO system)
- B. Yarn feeding from creel stand
- C. Yarn feeding from warp beams.

Taking of warp knitted sacks.

The continuous netting is batched into rolls of 1000mm diameter or online automatic cutting machine



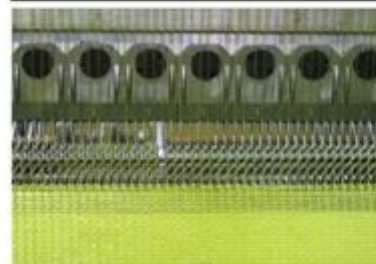


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MODEL:WMH	SPECIFICATIONS
APPLICABLE YARN	HDPE FLAT YARN, MONOFILAMENTS, POLYESTER, RAYON, NYLON, TC, TR
WORKING WIDTH	130" - 260"
GAUGES	2-18 NEEDLE PER INCH
WARP SUPPLY SYSTEM	FROM : * WARPING BEAMS / CREEL STAND / SLITTING EXTENSION M / C
PERFORMANCE	300 - 600 RPM
NUMBER OF BARS	2 - 8 GROUND BARS, (2 - 16 PATTERN BARS AVAILABLE)
MAIN MOTOR	2.2 KW - 7.5 KW
MACHINE WEIGHT	4500 KGS - 9000 KGS

MODEL:WMF	SPECIFICATIONS
APPLICABLE YARN	HDPE MONOFILAMENTS, POLYESTER, NYLON
WORKING WIDTH	75" - 260"
GAUGES	6-18 NEEDLE PER INCH
WARP SUPPLY SYSTEM	FROM : WARPING BEAMS
PERFORMANCE	350 - 400 RPM
NUMBER OF BARS	8 BARS
MAIN MOTOR	4 KW - 7.5 KW
MACHINE WEIGHT	6000 KGS - 9500 KGS

MODEL:WMD	SPECIFICATIONS
APPLICABLE YARN	HDPE FLAT YARN, MONOFILAMENTS
WORKING WIDTH	170"-210"
GAUGES	PACKING SACKS : 2 - 6 NEEDLES / PER INCH
WARP SUPPLY SYSTEM	FROM : WARPING BEAMS / * CREEL STAND / SLITTING EXTENSION M / C
PERFORMANCE	500 - 600 RPM
NUMBER OF BARS	9-11 GROUND BARS
MAIN MOTOR	7.5 KW
MACHINE WEIGHT	8500 KGS



### DIRECT WARPING MACHINE WMW - 432

- Section beam measurements: 14"inch overall length and 17"inch flange diameter.
- Construction: Steel frame with built-in motor. Indirect drive transmitted through V-belt pulleys to right hand stationary beam holding assembly.
- Drive and electrical control: 4KW-5.5KW motor. Magnetic brakes. Oiling device, Static eliminator and stop motion.
- Main reed: Adjustable reed with traverse movemts.
- Take - off speed: Up to 300 M/Min.



This slitting extension machine is located in front and rear of a Raschel knitting machine, which is used to slit a HDPE film and extend, then yarns are fed directly to the Raschel knitting machine.

The machine consists mainly of :

Sheet width: 1,200 mm

Opening rollers.

Fixed flat knives with adjustable spacing ring to give strip width of 2.0 - 7.0 mm

Winding beam devices of the selvedge yarn.

Main drive: 2 sets machine attached 1.0-1.5 kw motor

Heater: each set machine attached 5 kw.



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