



MENEGATTO COVERING MACHINERY
ELASTIC AND RIGID YARNS



COVERING MACHINES

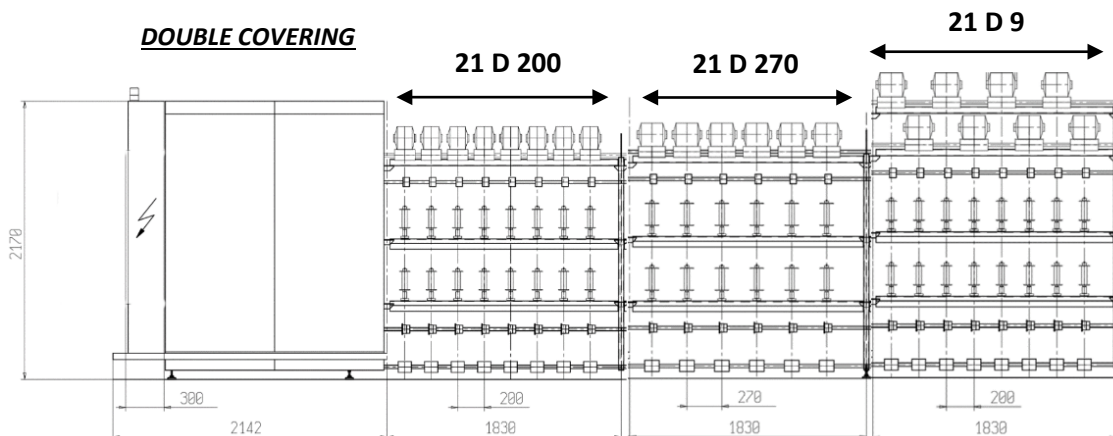
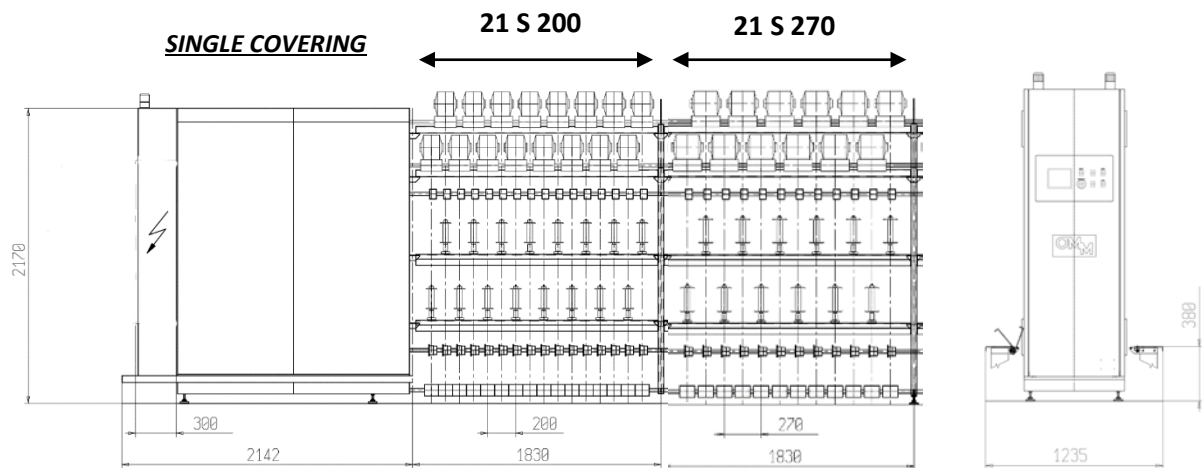
- Machine suitable for the covering process of spandex, rubber and rigid yarns.
- Electronic machine equipped with a sophisticated traverse, tapering device and lip motion device, in order to obtain take-up packages to be used directly in hosiery without prior rewinding.
- Single/double covering machine, equipped with spindles model Ratti type “R4” or “R5”; available also the “R14” spindle model (contact us for further information about this spindle). All our spindles are equipped with replaceable bearings.
- Machine available with two different spindle gauges: 200 mm and 270 mm.
- Possibility to have different types of input rollers installed onto the machine.
- Draft device available with: spring arm/draft roller or counterweight (0,6 kg-1,2 kg) or double grooved chromed roller
- The take-up is “open arm” type, with centerings running on ball bearings. Available on request is also a “coulisse” type take-up cradle with mandrel
- Machine built according to the last CE standards of quality and safety
- Machine ready for “Industry 4.0”

HEADSTOCK OPTIONS				
Machine	Spindles	Draft	Traverse	Take-up
OMM-21 E	Electronic			
OMM-21 F	Electronic	Mechanical	Electronic	Mechanical
OMM-21 M	Mechanical			

OPTIONALS
SOFT START (ONLY FOR MACHINES WITHOUT INVERTERISED SPINDLES)
MOTOR LINK (ONLY FOR MACHINE WITHOUT INVERTERISED SPINDLES)
TAKE-UP CRADLE WITH BRAKE LEVERS SYSTEM WITH SPRINGS
COULISSE TAKE-UP + MANDRELS FOR KING SPOOL
DIFFERENT TOUCH PANEL SIZE AVAILABLE: 7,4” -8,4” -10”
SEPARATORS BETWEEN THE SPINDLES
PRE DRAFT DEVICE: ADJUSTABLE RATIO
FIXED FOOTBOARD OR SWINGING FOOTBOARD OR OPERATOR STEP TROLLEY
REMOTE ASSISTANCE
MACHINE LINKING TO COMPANY NETWORK
POSSIBILITY TO PERSONALISE THE MACHINE, ACCORDING TO THE CUSTOMER REQUIREMENTS



MACHINE LENGTH TABLE			
Number of sections	Number of positions		Length (mm)
	Gauge 200mm	Gauge 270mm	
1	32	24	4170
2	64	48	6000
3	96	72	7830
4	128	96	9660
5	160	120	11490
6	192	144	13320
7	224	168	15150
8	256	192	16980
9	288	216	18810
10	320	240	20640



TECHNICAL DATA					
Machine Type	21 S 200	21 S 270	21 D 200	21 D 270	21 D 9
Covering type	Single		Double		Double
Spindle type	R4 or R5				
Spindle gauge (mm)	200	270	200	270	200
Max. spindle speed	See spindles – flanged bobbin table				
Whorl diameter (mm)	25 / 32				
Spindles drive	Tangential belt				
Wraps per meter	No. 151-4751 (with spindle whorl \varnothing 25) – No. 118-3712 (with spindle whorl \varnothing 32)				

TYPE OF FEEDING PACKAGE	
flanged bobbin type	See spindle – flanged bobbin table
Core yarn: Spandex	Spandex, max 115 mm width

ELASTOMER TREATMENT	
Elastomer unwinding	Double/triple roller for spandex - ribbon splitter for rubber tapes
Drafting device	Spring arm/draft roller – counterweights – double grooved chromed roller
Drafting ratio (nr.)	2 – 6,3
Take-up relax (nr.)	1 – 4,5
Pre-drafting (%)	30% or adjustable – see optionals table

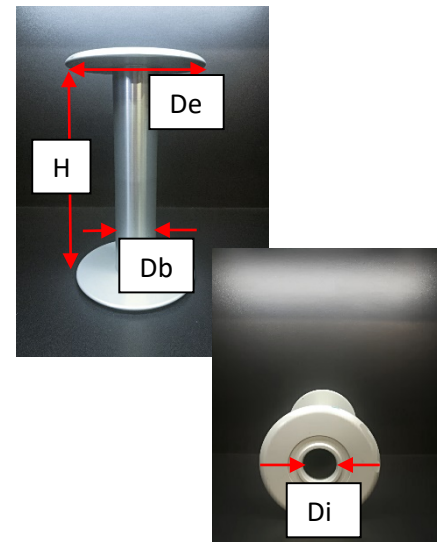
TAKE-UP	
Take-up type	Precision/cradle arm – coulisse
Take-up tube types	cylindrical tube – conical tube – kingspool tube
Max bobbin diameter (mm)	180 (250 with machine model “21D 200” and “21D270”)
Max. tube Length (mm)	Gauge 200: 172 mm – Gauge 270 and “21 D 9” machine model: 230-290 mm

FRAME	
Section length (mm)	1830
Machine width (mm)	800 (2 rollers + step trolley) - 1020 (3 rollers + step trolley) -1235 (3 rollers + footboard)
Machine height (mm)	2170
Height of take-up (mm)	1750-2070
Max. motor power (kW)	2 x 22



OMM - MENEGATTO SPINDLE – FLANGED BOBBIN TABLE

TYPE	WHORL Ø mm	SPEED rpm	SPOOLS DIMENSIONS				YARN MASS	
			H mm	De mm	Db mm	Di mm	Nylon (g)	Polyester (g)
R4	25	25.000	140	76	36	30	333	388
R4	25	23.000	140	84	36	30	434	506
R4	25	20.000	140	92	36	30	547	637
R4	25	24.000	165	76	36	30	444	457
R4	25	27.000	165	66	36	30	260	303
R4	25	22.000	165	84	36	30	580	596
R4	25	19.000	165	92	36	30	665	680
R5	32	16.000	140	104	53	48,4	610	711
R5	32	16.000	165	108	40	34	917	1.068
R5	32	14.000	165	116	36	30	1.116	1.300
R5	32	16.000	165	108	36	30	960	1.100
*R14	32	12.000	190,5	130	47	40,1	1.661	1.848



*Contact us for further information

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