

NYLON MONOFILAMENT MAKING MACHINE

Nylon Monofilament for fishing line, fish net, brush, comb, racket string, sewing line, velcro-strap(hook and loop) and other industrial filament.



Kung Hsing
PLASTIC MACHINERY

ISO 9001 CE
Taiwan

SPECIFICATIONS: 規格

	MODEL	KS-MN 45	KS-MN 55	KS-MN 65	KS-MN 80
FEATURE	MATERIAL TO BE USED	NYLON			
	DIA. OF FILAMENT	0.12 ~ 1.8 mm ϕ			
	EXTRUSION OUT PUT	35 kg/hr	55 kg/hr	75 kg/hr	120 kg/hr
EXTRUDER	SCREW DIA.	45 mm ϕ	55 mm ϕ	65 mm ϕ	80 mm ϕ
	SCREW L/D	30 : 1	30 : 1	30 : 1	30 : 1
	SCREW MATERIAL	SACM-645 STEEL WITH HARD WITH NITROGEN TREATMENT			
	CYLINDER MATERIAL	SACM-645 STEEL WITH HARD WITH NITROGEN TREATMENT			
	CYLINDER COOLING	1/4 HP BLOWER $\times$ 2	1/2 HP BLOWER $\times$ 3	1/2 HP BLOWER $\times$ 3	1/2 HP BLOWER $\times$ 4
	DRIVING MOTOR	20 HP	25 HP	30 HP	50 HP
	HEATER CAPACITY	15 kw	18 kw	23 kw	35 kw
DIE	NOZZLE PLATE	6 pcs.	6 pcs.	6 pcs.	6 pcs.
	GEAR PUMP	15cc $\times$ 1	20cc $\times$ 1	30cc $\times$ 1	40cc $\times$ 1
	GEAR PUMP DRIVING DEVICE	2 HP	2 HP	3 HP	5 HP
	PRESSURE GAUGE	2 SETS	2 SETS	2 SETS	2 SETS
CONTROL PANEL	TYPE	INDEPENDENCE TYPE SWITCH BOARD (BOX)			
	AUTO-THERMO CONTROLLER	5 POINTS	6 POINTS	6 POINTS	7 POINTS
COOLING DEVICE	TYPE	CHILLING WATER			
	REFRIGERATOR	5 HP	7 1/2 HP	10 HP	15 HP
TAKE-OFF UNIT A	DRIVING MOTOR	3 HP	5 HP	7 1/2 HP	15 HP
	TAKE-OFF SPEED (m/min)	12 ~ 45	12 ~ 45	10 ~ 40	10 ~ 40
	TAKE OFF ROLLER	270m/m ϕ $\times$ 350m/mL	270m/m ϕ $\times$ 400m/mL	270m/m ϕ $\times$ 450m/mL	270m/m ϕ $\times$ 600m/mL
	PRESS ROLLER	1 PC	1 PC	1 PC	1 PC
PRIMARY STRETCHING	TYPE	HOT WATER TYPE			
	HEATER CAPACITY	14 kw	16 kw	18 kw	20 kw
TAKE-OFF UNIT B	DRIVING MOTOR	7 1/2 HP	10 HP	15 HP	20 HP
	TAKE-OFF SPEED (m/min)	45 ~ 180	45 ~ 180	40 ~ 160	40 ~ 160
	TAKE OFF ROLLER	270m/m ϕ $\times$ 350m/mL	270m/m ϕ $\times$ 400m/mL	270m/m ϕ $\times$ 450m/mL	270m/m ϕ $\times$ 600m/mL
	PRESS ROLLER	1 PC	1 PC	1 PC	1 PC
SECONDARY STRETCHING DEVICE	TYPE	HOT AIR TYPE			
	LENGTH	350m/m $\times$ 4000m/m	400m/m $\times$ 4000m/m	450m/m $\times$ 4000m/m	600m/m $\times$ 4000m/m
	AIR BLOWER	2 HP	2 HP	2 HP	2 HP
	HEATER CAPACITY	14 kw	16 kw	18 kw	20 kw
TAKE-OFF UNIT C	AUTO-THERMO CONTROLLER	2 SET	2 SET	2 SET	2 SET
	DRIVING MOTOR	7 1/2 HP	10 HP	15 HP	25 HP
	TAKE-OFF SPEED (m/min)	45 ~ 180	45 ~ 180	40 ~ 160	40 ~ 160
	TAKE OFF ROLLER	270m/m ϕ $\times$ 350m/mL	270m/m ϕ $\times$ 400m/mL	270m/m ϕ $\times$ 450m/mL	270m/m ϕ $\times$ 600m/mL
ANNEALLING DEVICE	PRESS ROLLER	1PC	1PC	1PC	1PC
	TYPE	HOT AIR TYPE			
	LENGTH	350m/m $\times$ 4000m/m	400m/m $\times$ 4000m/m	450m/m $\times$ 4000m/m	600m/m $\times$ 4000m/m
	AIR BLOWER	2 HP	2 HP	2 HP	2 HP
TAKE-OFF UNIT D	HEATER CAPACITY	14 kw	16 kw	18 kw	20 kw
	AUTO-THERMO CONTROLLER	2 SETS	2 SETS	2 SETS	2 SETS
	DRIVING MOTOR	3 HP	5 HP	7 1/2 HP	15 HP
	TAKE-OFF SPEED (m/min)	45 ~ 180	45 ~ 180	40 ~ 160	40 ~ 160
WINDING MACHINE	TAKE OFF ROLLER	270m/m ϕ $\times$ 350m/mL	270m/m ϕ $\times$ 400m/mL	270m/m ϕ $\times$ 450m/mL	270m/m ϕ $\times$ 600m/mL
	PRESS ROLLER	1 PC	1 PC	1 PC	1 PC
	TYPE	65 $\times$ 1	85 $\times$ 1	65 $\times$ 2	105 $\times$ 2
	NO. OF SPINDLES	65	85	130	210
SHIPPING DATA	WINDING MOTOR	1.5 kg/cm $\times$ 65	1.5 kg/cm $\times$ 85	1.5 kg/cm $\times$ 130	1.5 kg/cm $\times$ 170
	TRAVERSE MOTOR	2 HP HYDRAULIC POWER UNIT $\times$ 1			
	WASTE ROLL DRIVE	30 kg/cm $\times$ 1	30 kg/cm $\times$ 1	30 kg/cm $\times$ 1	30 kg/cm $\times$ 1
	DIMENSION L $\times$ W $\times$ H (IN M)	32.5 $\times$ 2.5 $\times$ 2.5	34.0 $\times$ 2.5 $\times$ 2.5	37.5 $\times$ 2.5 $\times$ 2.5	40.0 $\times$ 2.5 $\times$ 2.5
	TOTAL COTAINER	40' $\times$ 2	40' $\times$ 2	40' $\times$ 2	40' $\times$ 2, 20' $\times$ 1

● SPECIFICATIONS ARE SUBJECT TO CHANGE WITHOUT NOTICE FOR IMPROVEMENT.

● FOR 2.0mm ϕ ~ 3.5mm ϕ THICK MONOFILAMENT, MACHINE'S SPECIFICATIONS ARE DIFFERENT AND NEED SPECIAL DESIGN.



MSW FLANGE TYPE WINDING UNIT



MPW PIRN TYPE WINDING UNIT



MCW TYPE WINDING UNIT
FOR MIDDLE SIZE MONOFILAMENT



MCW TYPE WINDING UNIT
FOR THICK MONOFILAMENT



**KS-MN80
NYLON MONOFILAMENT
MAKING MACHINE WITH
TWIN HEAD**



**KS-MN80 NYLON MONOFILAMENT MAKING
MACHINE WITH TWIN HEAD**



**KS-MN65 NYLON MONOFILAMENT MAKING MACHINE
(1) HMI (2) GRAVIMETRIC BATCH BLENDER (3) GEAR PUMP**



**KS-MN80 NYLON MONOFILAMENT MAKING
MACHINE WITH TWIN HEAD**



**KS-MN80 NYLON MONOFILAMENT MAKING
MACHINE WITH TWIN HEAD**



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