



PHYLLIS CO., LTD.

9F-3, NO. 52 CHUNG SHAN N. RD., SEC.2, 104 TAIPEI, TAIWAN, R.O.C.
TEL: 886-2-25222610 FAX: 886-2-25222601
E-MAIL: phyllis.tw@msa.hinet.net
http: // www.phyllis.com.tw

SPECIFICATION

1. LAMINATION MACHINE

MODEL: PH-LAJ105-18SD



(MACHINE PHOTO FOR REFERENCE ONLY)

USAGE	: SINGLE SIDE COATING OF PP TUBULAR WOVEN BAG SINGLE SIDE COATING OF OPEN FLAT PP JUMBO FABRIC DOUBLE SIDE COATING OF PP TUBULAR WOVEN BAG
BASIC MATERIAL	: OPEN FLAT PP JUMBO BAG MAX. WEIGHT 225gm/m ² PP TUBULAR WOVEN BAG,CLOTH MAX. WEIGHT 100gm/m ²
MATERIAL	: PP/LDPE PLASTICS
PRODUCTION WIDTH	: SINGLE SIDE: 500MM - 1600MM DOUBLE SIDE: 400MM - 750MM
PRODUCTION THICKNESS	: 0.018MM - 0.05MM
LINE SPEED	: 30M/MIN - 150M/MIN (DEPENDS ON BAG SPECIFICATION)
OUTPUT CAPACITY	: 360KG/HR

1. EXTRUDER

REDUCER	1 UNIT WITH OIL CYCLE FILTER AND COOLING DEVICE)
SCREW DIAMETER	φ105MM L/D=32/1
SCREW MATERIAL	SACM-1(NITRIDED TREATMENT & POLISHED AND CHROMED)
CYLINDER MATERIAL	SACM-1(NITRIDED TREATMENT & POLISHED)
DRIVING MOTOR	75 HP AC
SPEED ADJUSTER	ABB INVERTER + REACTOR
HEATING ZONE	7 SETS (PID METER + SSR CONTROL)
HEATING CAPACITY	56 KW
ELECTRIC PANEL	1 SET



PHYLLIS CO., LTD.

9F-3, NO. 52 CHUNG SHAN N. RD., SEC.2, 104 TAIPEI, TAIWAN, R.O.C.
TEL: 886-2-25222610 FAX: 886-2-25222601
E-MAIL: phyllis.tw@msa.hinet.net
http: // www.phyllis.com.tw

MOVING SYSTEM	2 HP BRAKE MOTOR + REDUCER
HYDRAULIC SCREEN CHANGE	1 SET (2 HP MOTOR) 1 UNIT
PLASTIC PRESSURE METER	1 SET
ELECTRIC PANEL	1 SET
2. T-DIE	1 UNIT
DIE MATERIAL	PDS-5,HARDNESS:HRC32
DIE GAP	0.8MM,HARDNESS:HRC52
WIDTH OF DIE	1850 MM
HEATING ZONE	5 SETS
HEATING CAPACITY	31 KW
WIDTH ADJUSTER DEVICE	2 SETS
3. UNWINDER SECTION	1 UNIT
MAX. DIAMETER WIDTH	φ1300MM*1700MM(L)
AUTO TENSION CONTROLLER	1 SET
AIRCOOLED PNEUMATICALLY BRAKE	2 SETS
EDGE POSITION CONTROLLER	1 SET
AUTO ROLL EXCHANGE DEVICE	1 SET, DECELERATION TO 10 – 80M/MIN (DEPENDS ON BAG SPECIFICATION)
UNWINDERφ99.6 AIR SHAFT	3 PCS (FORφ4" INSIDE DIAMETER PAPER PIPE)
BUFFER ROLLER SECTION	1 SET
PRESSURE AIR CYLINDER	1 SET
BRAKE ROLLER	1 SETφ140MM*1800MM(L)
GUIDE ROLLER	φ100MM*1800MM(L)
4. LAMINATING SECTION	1 UNIT
CHILLER ROLLER	φ600MM*1800MM(L), SURFACE: SAND
SILICON ROLLER	φ310MM*1800MM(L)
GUIDE ROLLER	φ120MM*1800MM(L)
EXPANSION ROLLER	φ125MM*1800MM(L)
PRE-HEATER ROLLER	φ452MM*1800MM(L),HEATING CAPACITY:16 KW
DRIVING MOTOR	15 HP AC + REDUCDER
SPEED ADJUSTER	ABB INVERTER + REACTOR
E.P.C CUTTING DEVICE	1/2 HP MOTOR*2 SETS
MIDDLE CUTTING DEVICE	1 SET
BLOWER	2 HP



PHYLLIS CO., LTD.

9F-3, NO. 52 CHUNG SHAN N. RD., SEC.2, 104 TAIPEI, TAIWAN, R.O.C.
TEL: 886-2-25222610 FAX: 886-2-25222601
E-MAIL: phyllis.tw@msa.hinet.net
<http://www.phyllis.com.tw>

TURN BAR DEVICE FOR TUBULAR WOVEN 1 SET
TEFLON TAPE BELT DEVICE 3 SETS
CORONA TREATING MACHINE 1 SET (AUXILIARY FOR SINGLE SIDE COATING)
POWER:7.5 KW,IGBT TYPE
WASTE GAS SUCTION DEVICE 1 SET (1 HP BLOWER & PIPE)

5. WINDER SECTION (SURFACE FRICTION) 1 UNIT

PU WINDING ROLLER ϕ 525MM*1800MM(L)
EXPANSION ROLLER ϕ 125MM*1800MM(L)
GUIDE ROLLER ϕ 120MM*1800MM(L)
DRIVING MOTOR 25 HP AC + REDUCDER
SPEED ADJUSTER ABB INVERTER + REACTOR
MAX. DIAMETER WIDTH ϕ 1400MM*1700MM(L)
AUTO CUTTING & ROLL CHANGE DEVICE 1 SET (DECELERATION TO 10 – 80M/MIN, DEPEND ON BAG SPECIFICATION)
WINDER ϕ 99.6MM AIR SHAFT 3 PCS, FOR INSIDE ϕ 4" PAPER PIPE

6. EDGE YARN RECLAIMING SYSTEM 1 UNIT

CRUSHER 2 HP MOTOR
CONVEYING BLOWER 3 HP MOTOR
DRIVING MOTOR 1 HP MOTOR
STORE TANK 1 PC

7. EDGE YARN WINDER (SINGLE ROLL) 1 UNIT

DRIVING MOTOR 0.4 KG/M TORQUE * 1 PC
DIAMETER ϕ 520MM*350MM(L)
ROLL CHANGE DEVICE MANUAL PNEUMATIC SYSTEM
TIMER AND ALARM FOR FULL MATERIAL 1 PC

8. GRAVIMETRIC BATCH BLENDERS(MIX-350) FOR THREE MATERIAL 1 UNIT

TOTAL CAPACITY (A + B + C MATERIAL)=360 KG,MADE IN TAIWAN

MATERIAL A : 80% MATERIAL B : 15% MATERIAL C : 5%
AUTO VACUUM LOADER 1 SET
SUCTION HOPPER 3 PCS
AIR CUT-OFF VALVE 3 PCS
MATERIAL TANK 3 PCS,EACH ONE 400KG,100KG,50KG



P H Y L L I S C O . , L T D .

9F-3, NO. 52 CHUNG SHAN N. RD., SEC.2, 104 TAIPEI, TAIWAN, R.O.C.
TEL: 886-2-25222610 FAX: 886-2-25222601
E-MAIL: phyllis.tw@msa.hinet.net
[http:// www.phyllis.com.tw](http://www.phyllis.com.tw)

9. OPERATION ELECTRIC CONTROL PANEL 1 UNIT

SYNCHRONOUS SPEED CONTROL	1 SET (EXTRUDER + LAMINATING + WINDING)
HUMAN MACHINE INTERFACE	1 SET (10.4"LED)
PROGRAMMING LOGIC CONTROLLER	1 SET (WITHOUT TEMPERATURE CONTROL)

10. DIMENSION (L × W × H) 12000 MM × 12000 MM × 3500 MM

11. POWER CONSUMPTION 220 KW

POWER CONSUMPTION IN PRODUCTION **165 KW**

SPARE PARTS:

1.HEATER FOR EXTRUDER	3 PCS
2.HEATER FOR ADAPTER	1 PC
3.HEATER FOR NECK	1 PC
4.HEATER FOR T-DIE	6 PCS
5.TEMPERATURE CONTROLLER	2 PCS
6.SSR CONTROL	2 PCS
7.AMPERE METER	2 PCS
8.HIGH SPEED FUSE	4 PCS
9.TOOL BOX	1 SET
10.CIRCULAR CUTTER	4 PCS
11.THERMOCOUPLE	2 PCS
12.OIL SEAL	1 SET
13.OPERATION SWITCH	4 PCS
14.LAMP	4 PCS
15."T"DIE ADJUSTER ROD.PLUG	12 PCS
16.SILICON ROLLER φ310MM×1800MM(L)	1 PC
17.CRUSHER KNIFE	1 SET(5PCS)
18.CLEAN COPPER PLATE	10 PCS
19.WOODEN HANDLE	2 PCS
20.ADJUSTER SCREW FOR T-DIE LIP	4 PCS
21.TEFLON TAPE	1 PC