



DONG NAM INDUSTRIAL CO., LTD

Head Office : 838-28, Gumdan-Dong, Buk-Gu, Daegu, Korea

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SPECIFICATIONS OF TUBULAR HEAT SETTING MACHINE

1. MODEL : DNH-1400 (2 CHAMBER, GAS HEATING TYPE)
2. WIDTH : 1400mm (ROLLER), 1300mm (WORKING)
3. MACHINE SPACE
 - 1) OVER ALL : W2550 * L8520 * H2130
 - 2) SET UP : W3550 * L10520 * H2230
4. PRODUCTION CAPACITY : 5 ~ 8 TON/DAY
5. MACHINE SPEED : 10~30 M/MIN
6. TOTAL ELECTRIC CAPACITY : 14.3KW
7. GENERAL STRUCTURE
 - 1) OVERFEED UNIT
 - a) MAGNETIC STRETCHER – 3 SETS
 - b) ROLLER : Ø76 * L 1400 – 1EA
ROLLER : Ø90 * L 1400 – 2EA
 - c) MOTOR : 0.4KW – 2EA, 0.2KW – 1EA
BRAND : SIEMENS, GERMANY
 - d) REDUCER : 0.4KW – 2EA, 0.2KW – 1EA
BRAND : TS TECH, KOREA
 - e) INVERTER : 0.75KW – 1EA
BRAND : SIEMENS, GERMANY
 - 2) STEAM BOX UNIT
 - a) NOZZLE : W150 * L1400 * H100 – 2EA
 - b) SOL VALVE – 1 SET
 - 3) HEAT CHAMBER UNIT (2 CHAMBERS)
 - a) NOZZLE – 24EA * 2 – 48EA
 - b) BLOWER FAN – 2EA * 2 – 4EA
 - c) GAS BURNER (SEUNG HWA) : SG20 (RATIO CONTROL) – 2EA
MOTOR : 0.25KW – 2EA. CALORIE : 200,000kcal , 2.5kpa
 - d) MOTOR : 1.5KW – 2EA * 2 - 4EA
BRAND : SIEMENS, GERMANY
 - e) ROLLER : Ø76 * L1600 – 1EA
 - f) MOTOR : 0.4KW – 1EA
BAND : SIEMENS, GERMANY
 - g) REDUCER : 0.4KW – 1EA
BRAND : TS TECH, KOREA
 - h) INVERTER : 0.4KW – 1EA
BRAND : SIEMENS, GERMANY



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4) EXHAUST UNIT

- a) BLOWER MOTOR : 0.75KW – 2EA
BRAND : SIEMENS, GERMANY
- b) BLOWR MOTOR : 1.5KW – 1EA
BRAND : SIEMENS, GERMANY

5) COOLING UNIT

- a) NOZZLE : W1660 * L200 * H510 – 1 SET
- b) MOTOR : 1.5KW – 1EA
BRAND : SIEMENS, GERMANY

6) MANGLE ROLLER UNIT

- a) AIR CYLINDER – 2EA
- b) ROLLER : Ø200 * L1400 – 2EA
- c) MOTOR : 1.5KW – 1EA
BRAND : SIEMENS, GERMANY
- d) REDUCER : 1.5KW – 1EA
BRAND : TS TECH, KOREA
- e) INVERTER : 1.5KW – 1EA
BRAND : SIEMENS, GERMANY

7) PLAITING UNIT

- a) COVEYOR BELT : W1400 * L2900 – 1EA
- b) PLAITING DEVICE – 1EA
- c) ELMINOSTAT BAR – 2EA
- d) ROLLER : Ø140 * L1400 – 1EA
ROLLER : Ø76 * L1400 – 1EA
ROLLER : Ø42 * L1470 – 2EA
- e) GEARED MOTOR : 0.4KW – 1EA
BRAND : SAMYANG, KOREA
- f) INVERTER : 0.4KW – 1EA
BRAND : SIEMENS, GERMANY

8. SPARE PARTS

- 1) TOOL BOX – 1 SET
- 2) OVERFEED URETHAN ROLLER : Ø140 – 2EA
- 3) OVERFEED P.P ROLLER : Ø80 – 2EA, Ø100 – 2EA

9. PACKING TOTAL : 3 CASES 5000KG 43.2CBM

- 1) DRIVING PARTS : 1 CASE 2000KG (G/W)
13.4CBM (W2700 * L2250 * H2200)
- 2) CHAMBER PARTS : 2 CASES 3000KG (G/W)
14.9CBM (W2700 * L2300 * H2400)

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■ *This specification is subject to change due to modification for improvement of machine without prior notice.*