



# 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-2400 (THERMO OIL HEATING & 2 CHAMBER TYPE)
2. WIDTH :2400mm (ROLLER), 2300mm (WORKING)
3. MACHINE SPACE
  - 1) OVER ALL : W3550 \* L8720 \* H2180
  - 2) SET UP : W4550 \* L10720 \* H2280
4. PRODUCTION CAPACITY : 6 ~ 9 TON/DAY
5. MACHINE SPEED : 10~30 M/MIN
6. TOTAL ELECTRIC CAPACITY : 18.1KW
7. GENERAL STRUCTURE
  - 1) OVERFEED UNIT
    - a) MAGNETIC STRETCHER – 5 SETS
    - b) ROLLER : Ø76 \* L 2400 – 1EA  
ROLLER : Ø90 \* L 2400 – 2EA
    - c) MOTOR : 0.4KW – 4EA, 0.2KW – 2EA  
BRAND : SIEMENS, GERMANY
    - d) REDUCER : 0.4KW – 4EA, 0.2KW – 2EA  
BRAND : TS TECH, KOREA
    - e) INVERTER : 0.75KW – 2EA  
BRAND : SIEMENS, GERMANY
  - 2) STEAM BOX UNIT
    - a) NOZZLE : W150 \* L2400 \* H100 – 2EA
    - b) SOL VALVE – 1 SET
  - 3) HEAT CHAMBER UNIT (2CH)
    - a) NOZZLE – 24\*2 - 48EA
    - b) BLOWER FAN – 2\*2 - 4EA
    - c) OIL RADIATOR – 1\*2 - 2EA  
CALORIE :160,000kcal / RADIATOR
    - d) 3 WAY VALVE – 1\*2 - 2EA
    - e) CONTROLLER – 1\*2 - 2EA
    - f) MOTOR : 1.5KW – 2\*2 - 4EA  
BRAND : SIEMENS, GERMANY
    - g) ROLLER : Ø76 \* L2600 – 1EA
    - h) MOTOR : 0.4KW – 1EA  
BRAND : SIEMENS
    - i) REDUCER : 0.4KW – 1EA  
BRAND :TS TECH, KOREA
    - j) INVERTER : 0.4KW – 1EA  
BRAND : SIEMENS, GERMANY



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## 4) EXHAUST UNIT

- a) BLOWER MOTOR : 0.75KW – 1EA  
BRAND : SIEMENS, GERMANY
- b) BLOWER MOTOR : 1.5KW – 3EA  
BRAND : SIEMENS, GERMANY

## 5) COOLING UNIT

- a) NOZZLE : W2660 \* L200 \* H510 – 1SET
- b) MOTOR : 1.5KW – 1EA  
BRAND : SIEMENS, GERMANY

## 6) MANGLE ROLLER UNIT

- a) AIR CYLINDER – 2EA
- b) ROLLER : Ø200 \* L2400 – 2EA
- c) MOTOR : 2.2KW – 1EA  
BRAND : SIEMENS, GERMANY
- d) REDUCER : 2.2KW – 1EA  
BRAND : TS TECH, KOREA
- e) INVERTER : 2.2KW – 1EA  
BRAND : SIEMENS, KOREA

## 7) PLAITING UNIT

- a) COVEYOR BELT : W2400 \* L2900 – 1EA
- b) PLAITING DEVICE – 1EA
- c) ELMINOSTAT BAR – 2EA
- d) ROLLER : Ø140 \* L2400 – 1EA  
ROLLER : Ø76 \* L2400 – 1EA  
ROLLER : Ø42 \* L2470 – 2EA
- e) GEARED MOTOR : 0.75KW – 1EA  
BRAND : SAMYANG, KOREA
- f) INVERTER : 0.75KW – 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 6500KG 59.1CBM

- 1) DRIVING PARTS : 1 CASE 2500KG (G/W)  
18.3CBM (W3700 \* L2250 \* H2200)
- 2) CHAMBER PARTS : 2 CASE 4000KG (G/W)  
20.4CBM (W3700 \* L2300 \* H2400)

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