

Automatic curtain pleat sewing machine

MAJOR FEATURES

- Once the operator input the necessary data and set cloth, between pleats, width of cloth taken for pleat, height of pleats are automatically calculated, and pleat sewing position are automatically set.

The Operator only to do ①~③

① Input Necessary data

- original width of curtain material
- finish width
- the number of pleat
- lateral width from the edge of cloth to the first pleat
- the number of folds
- sewing pattern
- etc.

② Set Cloth

Automatic operation

1) Automatical calculations & Positioning

- clearance between pleat
- width of cloth taken for pleat
- height of pleat

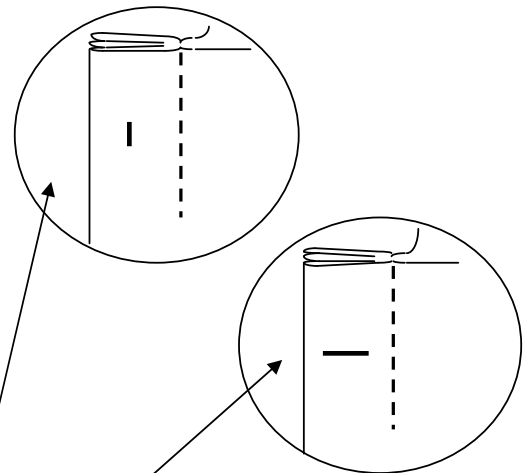
2) Folding of pleats

3) Insertion of cloth into the sewing machine

4) Pleat sewing from the first pleat to one just before the the last three pleat, tacking pleat and thread trimming.

③ Scale the rate length of material, and adjust of device position for finishing width

④ Restart and Sewing to final pleat



- Sewing shape is easily changed. (shape : \equiv type, \perp type, and other)
- Changeover between double fold and triple fold can be made at a click of switch button.
- Autoserect Sewing Pattern in accordance with pleat high.
- Input method is selectable among the next three type,
 - 1) Ordinary input
 - 2) Numbers of pleat calling input
 - 3) Pattern memory calling input

In addition, ordinary operation and continuous operation modes can be chosen in response to the situation of production.



NAKANIHON-JUKI CO., LTD

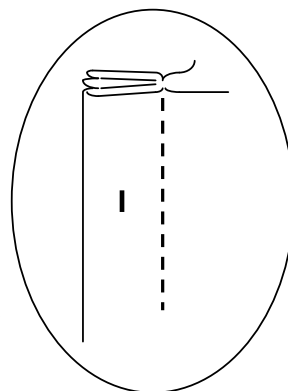
3-33 Kamiishikawa-cho Nakamura-ku Nagoya Japan TEL 052-412-1211 FAX 052-412-8030

NCT-250E series

Automatic curtain pleat sewing machine for manufacture of order-made curtains

- Operation cycle time (NCT-250E)
(※ In case curtain width 2m and 12 pleats)

| | |
|---|---------|
| ① INPUT DATA AND CONDITIONS | |
| ② SETTING CLOTH | 30 sec |
| ③ AUTOMATIC FOLDING AND SEWING TIME (12 PLEATS) | 138 sec |
| TOTAL TIME (BASIC TIME) | 168 sec |



- Productivity (NCT-250E)

| | |
|-------------------------|-----------|
| STITCH SHAPE | |
| PLEAT | 12 pcs |
| TOTAL TIME (BASIC TIME) | 168 sec |
| ALLOWANCE RATE | 20 % |
| OPERATION TIME | 201.6 sec |
| WORKING HOURS (8 HOURS) | 28800 sec |
| TOTAL (Sheets/8H) | 142 pcs |
| TOTAL (Pleats/8H) | 1704 pcs |

| | | | |
|---------------------------------------|-------------|--------------------------------------|---|
| Model No. | | NCT-250E | |
| Hook interval | | 70 mm to 230 mm | ※ |
| Cloth length required for pleat | Single fold | 24 mm to 50 mm | ※ |
| | Double fold | 40 mm to 140 mm | ※ |
| | Triple fold | 65 mm to 180 mm | ※ |
| Pleat height | | 12 mm to 40 mm | |
| Voltage / Power supply | | 3-phase 200V | |
| Power consumption | | 550W | |
| Air pressure / Power consumption | | 0.5 Mpa (5kgf/cm ²) | |
| Installed dimensions | | 1200mm (w) × 1200mm (d) × 1130mm (h) | |

Option : Super-software for pattern match, Adjuster hook device

(Note)

The number marked ※ may change in accordance with the cloth conditions, dimension of pleat.
The number of "Total (sheets/pleats)" given above may change in accordance with the sewing specifications, allowance and other . So be careful.



NAKANIHON-JUKI CO., LTD

3-33 Kamiishikawa-cho Nakamura-ku Nagoya Japan TEL 052-412-1211 FAX 052-412-8030