

# Jiangsu Kuntai Machinery Co., Ltd

## KT-CL-2400 PTFE Membrane Lamination Machine

### Technical Data

|                        |                         |
|------------------------|-------------------------|
| Maximum Material Width | 2200mm                  |
| Machine Roller Width   | 2400mm                  |
| Working Speed          | 5-10m/min               |
| Heating Method         | Electromagnetic Heating |

### Main Configuration

| Part One PTFE FILM Unwinding Device |                                   |      |          |
|-------------------------------------|-----------------------------------|------|----------|
| S/N                                 | Item                              | Unit | Quantity |
| 1                                   | φ74 Pneumatic Shaft               | pc   | 4        |
|                                     | 50N.m magnetic powder brake       | ea   | 3        |
|                                     | Tension Control System            | set  | 3        |
| 2                                   | U shape pneumatic shaft axle seat | set  | 6        |
| 3                                   | Pneumatic Shaft cover             | ea   | 6        |
| 4                                   | transmission gear                 | ea   | 6        |
| 5                                   | tension controller                | set  | 1        |

| Part Two Heating Pressing Laminating Device |                                          |      |          |
|---------------------------------------------|------------------------------------------|------|----------|
| S/N                                         | Item                                     | Unit | Quantity |
| 1                                           | wallboard Frame                          | set  | 1        |
| 2                                           | φ 395 Electromagnetic Heating roller     | ea   | 1        |
| 3                                           | temperature control device               | set  | 1        |
| 4                                           | φ 300 rubber roller                      | ea   | 1        |
| 5                                           | φ 250 pressing air cylinder              | ea   | 2        |
| 6                                           | hydraulic pump station                   | set  | 1        |
| 7                                           | 3kw motor                                | set  | 1        |
| 8                                           | 3kw inverter                             | set  | 1        |
| 9                                           | transmission chain and chain wheel       | set  | 1        |
| 10                                          | SN220 shaft housing +22220 bearings      | set  | 2        |
| 11                                          | spiral arms                              | ea   | 2        |
| 12                                          | 22220 bearing                            | ea   | 4        |
| 13                                          | fabric tension controller                | set  | 1        |
| 14                                          | φ 128 silicone tube fabric opener        | ea   | 1        |
| 15                                          | 0.75kw motor                             | set  | 1        |
| 16                                          | 0.75KW inverter                          | set  | 1        |
| 17                                          | φ 100 Aluminium alloy cloth guide roller | ea   | 1        |

| Part Three Cooling Device |                      |      |          |
|---------------------------|----------------------|------|----------|
| S/N                       | Item                 | Unit | Quantity |
| 1                         | φ 240 cooling roller | ea   | 1        |

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|   |                                |     |   |
|---|--------------------------------|-----|---|
| 2 | Hd25 rotating joint            | ea  | 2 |
| 3 | RL25×500 flexible metal tubing | ea  | 2 |
| 4 | φ 150 silicone press roller    | pc  | 1 |
| 5 | φ 63×50-30 press air cylinder  | ea  | 2 |
| 6 | Pressing frame                 | set | 2 |
| 7 | UCFC212 bearing                | ea  | 2 |
| 8 | UCT207 bearing                 | ea  | 2 |

## Part Four Rewinding Device

| S/N | Item                                           | Unit | Quantity |
|-----|------------------------------------------------|------|----------|
| 1   | φ 160 feed rubber roller                       | ea   | 1        |
| 2   | 2.2kw motor                                    | set  | 1        |
| 3   | Cylinder lifting mechanism                     | set  | 1        |
| 4   | φ 150 aluminum row distribution shaft          | ea   | 1        |
| 5   | φ 100 aluminum alloy cloth guide roller        | ea   | 2        |
| 6   | 6KW heat preservation cover                    | set  | 1        |
| 7   | dancer roller speed synchronous control device | set  | 1        |
| 8   | φ74 Pneumatic Shaft                            | ea   | 2        |
| 9   | air shaft axle seat                            | ea   | 4        |
| 10  | unwinding square tube frame                    | set  | 2        |
| 11  | Belt brake                                     | set  | 2        |
| 12  | φ 200 polyurethane casters                     | ea   | 8        |

## Part Five Center winding device

| S/N | Item                         | Unit | Quantity |
|-----|------------------------------|------|----------|
| 1   | 2.2kw motor                  | set  | 1        |
| 2   | 100N.m magnetic powder brake | set  | 1        |
| 3   | universal spindle coupling   | ea   | 1        |