

## TSM850

T--THL Machine

S--Surface

M--Milling only

850--Max workpiece length

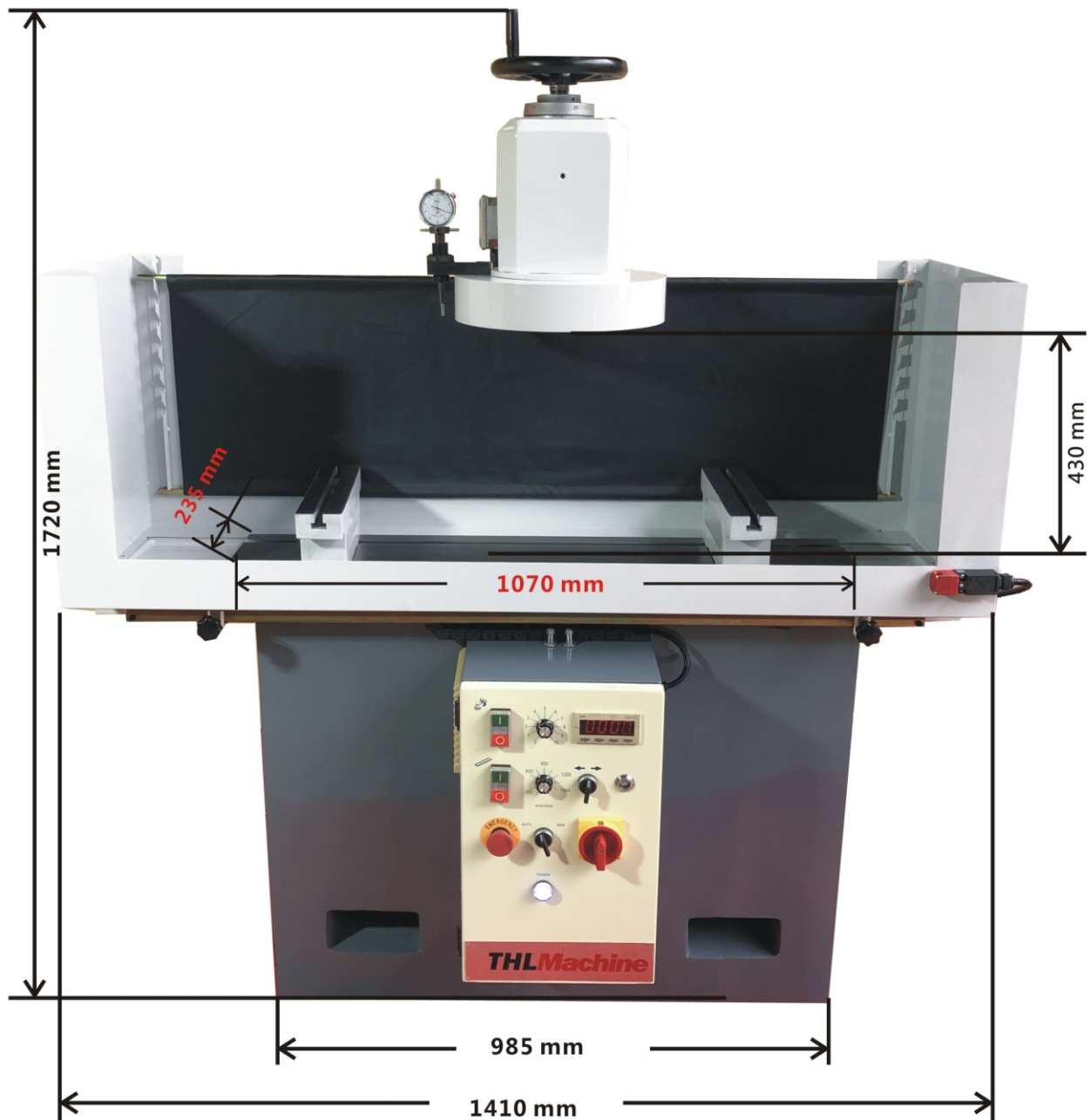


## TSM850

Max 1115mm table travel and 330mm milling head, machine can process max 850mm length block and head.

CBN cutter for cast iron, PCD cutter for aluminum.  
And CBN cutter for prechamber head.

With triangle cutter to get best resurfacing result.



**Technical data**

|                                                   |                      |
|---------------------------------------------------|----------------------|
| Table travel                                      | 1115mm               |
| Max. workpiece lenght                             | 850mm                |
| Max. workpiece width                              | 330mm                |
| Max. workpiece height                             | 430mm                |
| Min. workpiece height                             | 160mm                |
| Table feed                                        | 0÷600mm/min          |
| Milling wheel diameter                            | 330 mm (13")         |
| Cutting tool speed                                | 300÷1200g/min(rpm)   |
| Voltage(+/- 15%)                                  | 230V , 400V          |
| Phases                                            | 1 , 3                |
| Min.protection degree                             | IP 44                |
| Main motor power                                  | 1.5kw                |
| Gear box motor power                              | 0.75kw               |
| Total power                                       | 2.25kw               |
| Environment conditions:<br>temperature<br>umidity | 10÷30°C<br>15÷90 %RH |
| Weight                                            | 800kg                |
| Dimensions length*width*height                    | 1720*870*1630mm      |

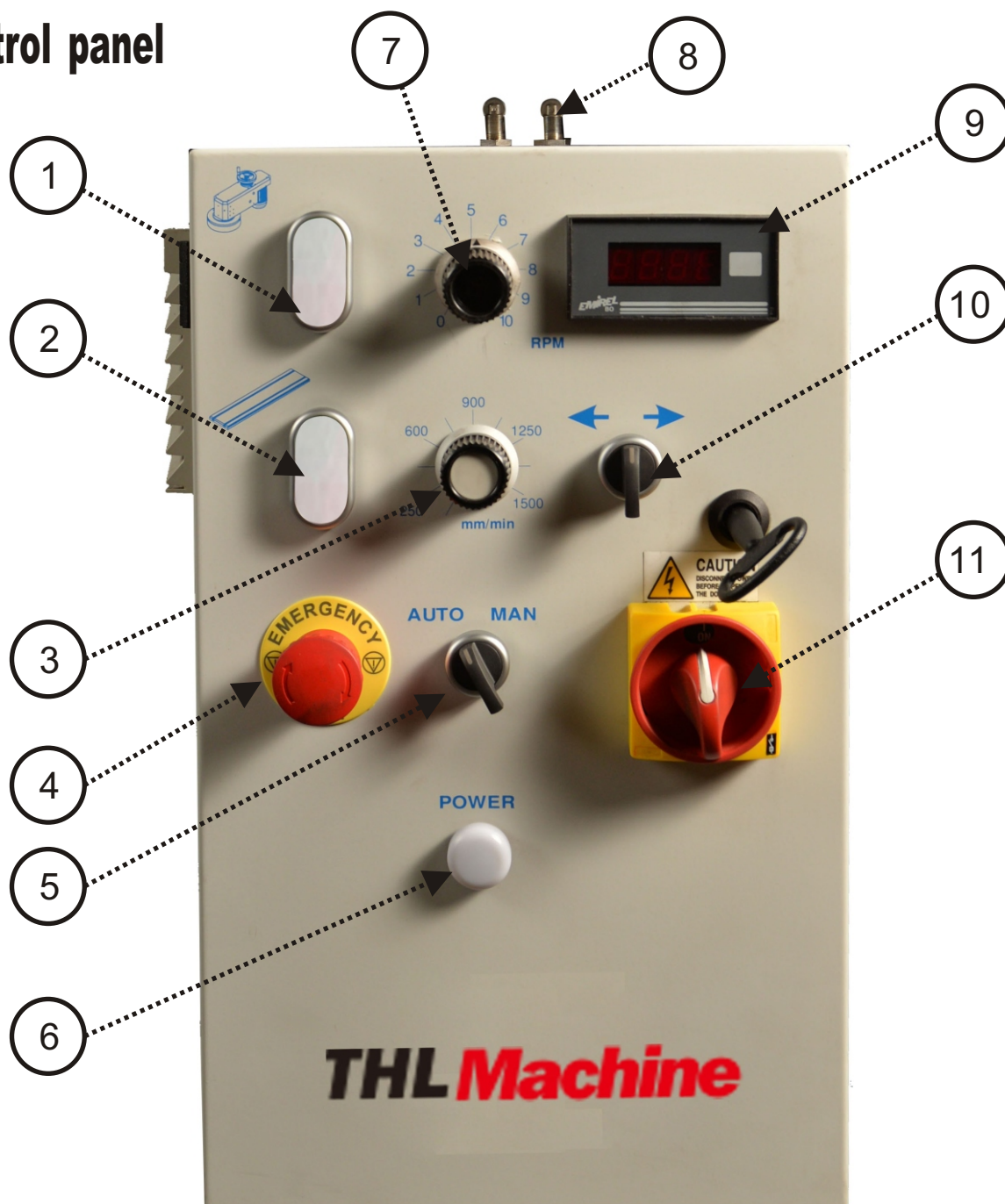
## TSM850



| No. | Description                   |
|-----|-------------------------------|
| 1   | Head feeding handwheel        |
| 2   | Head graduated dial           |
| 3   | Mill                          |
| 4   | Safety shield                 |
| 5   | Safety switch                 |
| 6   | Adjustable stroke-end devices |
| 7   | Electrical box                |
| 8   | Depth stop fixture            |

## TSM850

### Control panel

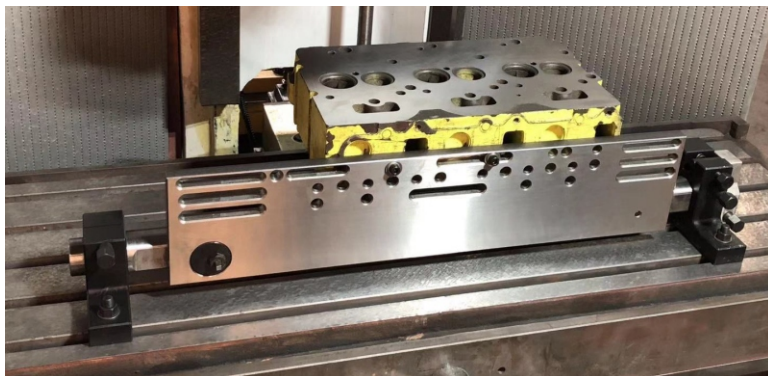


| No. | Description                      |
|-----|----------------------------------|
| 1   | Mill on/off push-button          |
| 2   | Table feed on/off push button    |
| 3   | Table feed regulating handwheel  |
| 4   | Emergency push-button            |
| 5   | Power on signal lamp             |
| 6   | Table feed cycle/manual selector |
| 7   | Mill RPM - regulating handwheel  |
| 8   | Travel-end switches              |
| 9   | Mill RPM - digital display       |
| 10  | Right/left feed selector         |
| 11  | Main switch                      |

## TSM850 Accessories



**MILLING HEAD**



**BLOCK/HEAD FIXTURE**



**1330 HOLDER**



**PARALLEL**



**CBN/PCD CUTTER**



**DEPTH STOP FIXTURE**