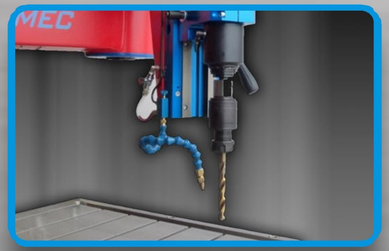
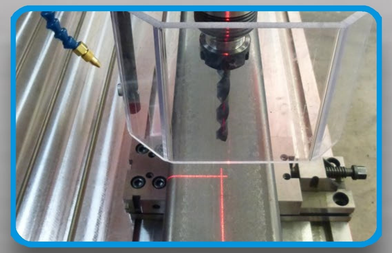
## OPTIONAL

### AUTOMATIC LUBRICATION SYSTEM



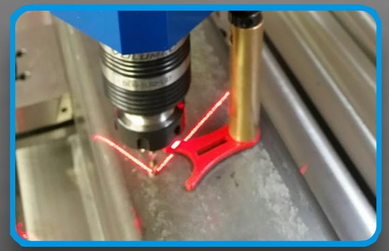
WITH THIS SYSTEM IS POSSIBLE TO ENSURE A CORRECT NEBULIZATION'S TOOL.

### HIGH PRECISION LASER POINTMENT



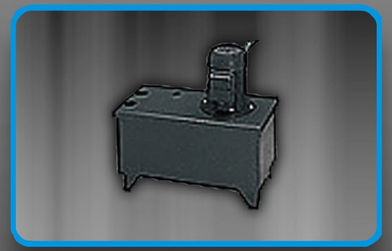
THIS SYSTEM ALLOWS YOU TO SEE PREVIOUSLY WHERE THE DRILLING WILL BE DONE.

### DEPTH SENSOR



ALLOW TO SET THE DESIRE DRILLING-TAPPING-COUNTERSINKS DEPTH

### REFRIGERATION SYSTEM

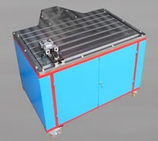


REFRIGERATION EMULSION PLANT WITH FLOW RATE OF 22 L/MIN.

## TYPE OF BENCHES

OPTIMIZED STRUCTURAL BENCH FOR DRILLTRONIC WITH 30 MM REINFORCED BASE AND INTERNAL COMPARTMENT FOR TOOLS AND EQUIPMENT STORAGE.

AVAILABLE WITH A ROUGH TOP OR WITH WORKED T-SLOTS TOP AND REFRIGERATION SYSTEM PREDISPOSITION.



| CODE | WORKING AREA | WORKBENCH WITH ADJUSTABLE HEIGHT | TYPE OF PLAN | ARRANGEMENT REFRIGERANT PREPARATION | WEIGHT |
|---|---|---|---|---|---|
| BDL128 | 1200x800 mm | 750/850 mm | WORKING WITH T-SLOTS | YES | 360 kg |
| BDG128 | 1200x800 mm | 750/850 mm | ROUGH | NO | 360 kg |

| CODE | WORKING AREA | WORKBENCH WITH ADJUSTABLE HEIGHT | TYPE OF PLAN | ARRANGEMENT REFRIGERANT PREPARATION | WEIGHT |
|---|---|---|---|---|---|
| BDL1810 | 1800x1000 mm | 750/850 mm | WORKING WITH T-SLOTS | YES | 650 kg |
| BDG1810 | 1800x1000 mm | 750/850 mm | ROUGH | NO | 650 kg |

## COLUMN WITH THE POSSIBILITY OF GROUND FIXING H=2000 mm

ALL DRILLTRONIC MODELS CAN BE EQUIPPED WITH A LIFTING COLUMN, THAT CAN BE FIX TO THE GROUND.

| CODE | COLUMN'S HEIGHT | ARM RACE | HANDLING | BASE | TOTAL WEIGHT |
|---|---|---|---|---|---|
| CFT | 2000 mm | 715 mm | MANUAL (MOTORIZATION ON DEMAND) | 300 X 300 mm | 215 kg |


A.T.S. dal 1983

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VOLUMEC® mechanical innovations

MADE IN ITALY PRODUCT

# Drilling and tapping arm machine

# DRILLTRONIC

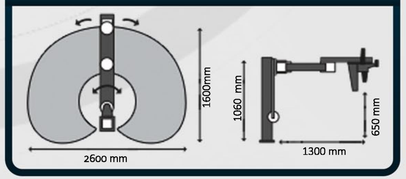
WATCH THE VIDEO ▶

Drilltronic is the only integrated drilling and tapping unit equipped with an innovative articulated arm system, that has been developed to give maximum working flexibility.

The structure is designed with a technology that can provide fluidity and speedness during the placements, ensuring rigidity and precision during the working operations.

| MODEL | TYPE OF MOTOR | VOLTAGE (Volt) | SPEED ROTATION (rpm) | DRILLING CAPACITY WITH TWIST DRILL (mm) | DRILLING CAPACITY WITH CUTTER (mm) | TAPPING CAPACITY ON STEEL | MECHANICAL SPEED CHANGE | COURSE OF ADVANCEMENT | VERTICAL COURSE (mm) |
|---|---|---|---|---|---|---|---|---|---|
| DT131000 | BRUSHLESS | 200 -255 V 50/60 HZ | 100 - 1000 | Ø 3 - Ø 13 | Ø 20 | M3 - M12 | / | 135 | 500 |
| DTS161250 | BRUSHLESS | 200 -255 V 50/60 HZ | 30 - 1250 | Ø 3 - Ø 16 - (Ø 20 ALL.) | Ø 30 | M3 - M20 | 1 | 135 | 500 |
| DT134500 | BRUSHLESS | 200 -255 V 50/60 HZ | 125 - 4500 | Ø 3 - Ø 10 | Ø 15 | M3 - M8 | 1 | 135 | 500 |

## WORKING AREA




## ASSISTED CONTROL-SYSTEM VAPS - OPTIONAL

The new control-system VAPS (Volumec ® Assisted Positioning System), is an operator touch-screen interface easy and intuitive with which is possible to make drilling and tapping operations, at pre-established quotas, without any manual tracking as like as traditionals drills

### THE PRINCIPAL FUNCTIONS ARE:

- Quick identification of the workpiece position **(zero search)**.
- Assisted positioning of the tool on the work surface with **automatic locking at the reached measure.**
- Intuitive programming of drilling on more points **(X, Y, tool diameter).**
- Creation and saving of drilling cycles on parts of every shape
- Automatic calculation of **drilling on flanges** based on radius and angle between holes
- Drilling programming is also possible in **auto-learning mode**
- **Automatic threading** by setting pitch and depth
- Positioning and drilling also with **manual** mode
- Import / export drilling programs via **USB**
- PC connection via **LAN**