

## **EXCLUSIVE EQUIPMENT, DEVELOPED AND PRODUCED BY US, FURTHER REDUCE PRODUCTION COSTS**

### **©DGT TST.13 SUPERTECH**

©DGT TST.13 SUPERTECH is a special machine designed for:

- Milling: for 90° and 45°
- Trimming
- Diamond-Edge Polishing
- Chamfering

It can be accessorized with a series of Milling tips F1.90C - F2.90CD - F13.93C - F4.46A not included

This equipment is built with robust and wide worktable 1500 x 800 mm anodized aluminum profiles.

The size of the worktable is useful to work important sheets because the operator has more room to handle the pieces.

The machine rests on 6 feet.

The top is made up of a plastic laminated sheet equipped with positioning bars and prismatic sliding guides.

The electric spindle (Italian Brand the best in the production of these kind of spindles which offers great performance for precision and traction power) runs from 0 to 18.000 rpm and it is controlled by an angle head handwheel to lift and lower the tools precisely.

The electric spindle allows to use tungsten and diamond milling tools.

It is prepared with automatic vacuum and air cooling system which start and arrest when the machine switch on and off..



## ©DGT TMT.14 MINITECH

©DGT TMT.14 MINITECH is a special machine designed for:

- Milling: for 90° and 45°
- Trimming
- Diamond-Edge Polishing
- Chamfering

This equipment is built with worktable 1000 x 700 mm anodized aluminum profiles.

The size of the worktable is SMALLER than the ©DGT TST.13 SUPERTECH. It doesn't advise against working important sheets because the operator has few room to handle the pieces. Please consider this detail if you decide to choose this machine.

The machine rests on 4 feet.

The top is made up of a plastic laminated sheet equipped with positioning bars and prismatic sliding guides.

The electric spindle, always Italian Brand, has a REDUCED traction power if compared to the spindle of the ©DGT TST.13 SUPERTECH and even if it works very well its performance for precision are not so high than the results guaranteed by ©DGT TST.13 SUPERTECH.

It runs from 0 to 18.000 rpm and it is controlled by an angle head handwheel to lift and lower the tools precisely.

This system makes it easier to change the tools and to adjust the cutting line.

The electric spindle allows to use tungsten and diamond milling tools.

It is NOT prepared with automatic vacuum and air cooling system which start and arrest when the machine switch on and off.

It can be accessorized with a series of Milling tips F1.90C - F2.90CD - F13.93C - F4.46A not included.



## Milling Tip FI.90C

Cutter suitable for removing large amounts of materia and for trimming with rough and opaque finishing:  
Working at 18,000 revolutions/minute  
Cutting diameter with a tolerance of 0.00 mm  
Coupling diameter 12mm  
Height of blades 30mm  
Replaceable blades sharpened on both sides



## Milling Tip FI1.90C

Cutter suitable for removing large amounts of material and for trimming with rough and opaque finishing: Working at 18,000 revolutions/minute  
Cutting diameter with a tolerance of -0.10 mm  
Coupling diameter 12 mm  
Height of blades 30mm  
Replaceable blades sharpened on both sides  
Recommended for work without film, or with thin film  
To be combined with Diamond polishing F2.90CD



## Milling Tip DIA F2.90CD

Diamond trimmer, DIA blade height 20 mm  
Coupling 12 mm: only used to obtain that invisible PMMA glossy finish  
It works at 18,000 revolutions/minute on a previously edged



## Milling Tip F26.9I

Cutter designed to obtain the preparation of the plate edge to be glued at 89° (glues T0 and T1).  
Works both linear objects such as plates and three-dimensional objects such as already glued boxes  
It has a white PTFE reference plug-in for length stop at -1 mm on the cutting edge.  
The plug-in should be removed before operating.



Coupling diameter 12 mm, cutting edge

## Milling Tip F13.93C

Cutter designed to obtain the preparation of the plate edge to be glued at 87° (glue T3).

Works both linear objects such as plates and three-dimensional objects such as already glued boxes

It has an aluminium reference plug-in for length stop from 0 to -4 mm on the cutting edge.

The plug-in should be removed before operating.

Coupling diameter 12 mm

Cutting edge



## Milling Tip F22.96

Cutter designed to obtain the preparation of the plate edge to be glued at 84° (glue T6).

Works both linear objects such as plates and three-dimensional objects such as already glued boxes

It has an aluminium reference plug-in for length stop from -1 to -6 mm on the cutting edge.

The plug-in should be removed before operating.

Coupling diameter 12 mm

Cutting edge



## Milling Tip F4.46°

Cutter designed to obtain the preparation of the plate edge to be glued at 44° (glues T2 and T1)

It works for preparing the plate edge for cutting at 44°

Coupling diameter 12 mm, cutting edge height 20 mm

fully made in Tungsten Carbide, re-sharpening up to 6 times.

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It can also be used for chamfering



## Milling Tip F5.44V

Cutter designed to obtain the preparation of the plate edge to be glued at 44° low thickness or reverse cutting (glues T2 and T1)

It works for preparing the plate edge for cutting at 44°

Coupling diameter 12 mm

Cutting edge

Height 20 mm, fully made in Tungsten Carbide

Re-sharpening up to 6 times.

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## Milling Tip F6.15C°

Milling cutter designed for round chamfering at 15°  
Coupling diameter 12 mm  
Cutting edge height 20 mm  
Re-sharpening up to 6 times.



## Milling Tip DIA F7 - F8.90D

Diamond trimmer height 25 mm  
Used only to obtain the straight and shiny three-dimensional finishing of PMMA at 18,000 rev/min



## Milling Tip F9.90D

Diamond trimmer height 30 mm  
Used only to obtain the straight and shiny three-dimensional finishing of PMMA at 18,000 rev/min



## Milling Tip DIA 10.90CD

Diamond trimmer height 30 mm  
Used only to obtain the invisible shiny finishing of PMMA at 18,000 rev/min



## Milling Tip F15.45.5A

Cutter designed to obtain the preparation of the plate edge to be glued at 44.5° (glues TO).  
It works for preparing the plate edge for cutting at 44.5°  
Coupling diameter 12 mm  
Cutting edge  
Height 20 mm  
Fully made in Tungsten Carbide  
Re-sharpening up to 6 times  
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It can also be used for chamfering

## ©DGT DIA90

This equipment is designed and manufactured to polish and grind edges in plastic materials such as methacrylate, polycarbonate and similar.

It can be used with sheets with a thickness up to 60 mm. The operating speed is adjustable.

A specific detecting device senses the presence of a sheet being processed so that the machine can operate in automatic mode until the cycle ends.

Sheets with the same thickness can be processed in continuous mode.

The equipment may come with a natural, sintered or satin-finished diamond not included.

Workable thickness 60mm.

Asportation 0.7mm.

Electro spindle kw.1.1 - CV 1.5

Speed of work from 0.4 to 2.5 mt./min

Service wrenches

Weight kg. 410



## ©DGT CODEKUBIK ASPIRATOR

DGT CODEKUBIK ASPIRATOR is a special abstractor adaptable directly to ©DGT TST.13 and ©DGT DIA90.

Connected directly to the machine, it will start working automatically when you decide to switch on the engine of the machine at which it is connected.

It will stop working in the same moment in which you decide to arrested the engine of the machine.

Technical Specifications:

Monophase motor

Power Kw 0.37

Suction power 1200 m3/h

Noise dBA 65

Weight kg 42

Dimensions max 900x400x950mm

Suction hole diameter 100mm.



## ©DGT BUFFING MACHINE

Polishing machine made up of a floor standing support with a 20 mm diameter shaft which can be equipped with n° 2 roughing and n° 3 polishing brushes (300 mm diameter self-cooling brushes per type NOT INCLUDED).

The features of the equipment include: 1.5 hp (380 volt) power, 1.400 rpm speed, a turn-off emergency button and transparent safety flaps.

Accessories not included.



## ©DGT BUFFING MACHINE ACCESSORIES

24-A -N° 3 Plush Ventilated Clothes Spyral 300 x 20 mm

23-A -N° 2 Ventilated Clothes Double Spyral for Brush polish 300 x 20 mm

17-A Polibrill Polishing paste 1 kg



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