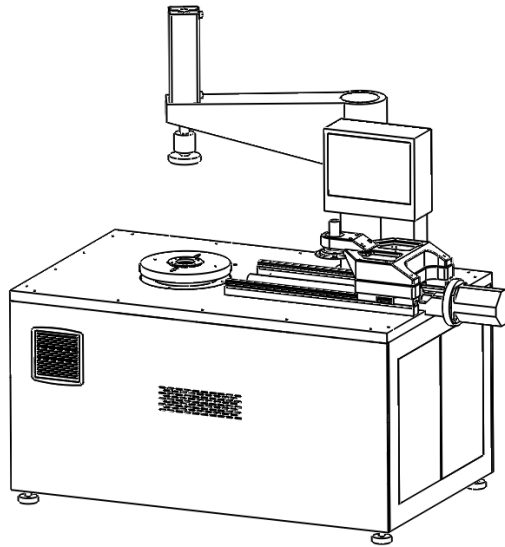# User Manual

OMERA MACHINES

For your own safety and to prevent possible accidents, read carefully this manual!

MACHINES PROPERTIES AND GENERAL REQUIREMENTS

Model: EMK-600

A.C. :380-400V Phase / Phase: 3P

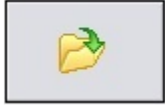Frequency / Freq: 50Hz

Power / Power: 11KW to

Air / Air: 6.5 Bar

Weight / WGT: 1800Kg

Preparation of the Programme

Receiving the and DXF Files and installing to the Machinery .

 by pressing the DXF extensioned mold picture is selected.

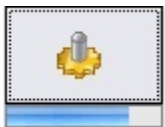| Kesici Yarıçapı (mm) | 104.00 |
| Kesici İçeri Girme Miktarı (mm) | 0.00 |

Please see page 5.

 After selecting the DXF file immediately by pressing the button on the right side the calculation is performed.
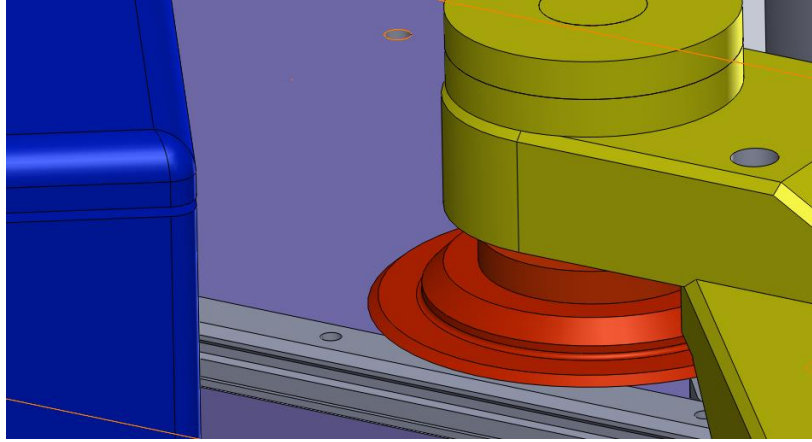
 We have to wait for the end of the calculation phase.

(CAUTION) we must wait the next box to be filled..

After Calculation immediately to install to the CNC drivers this button should be used .
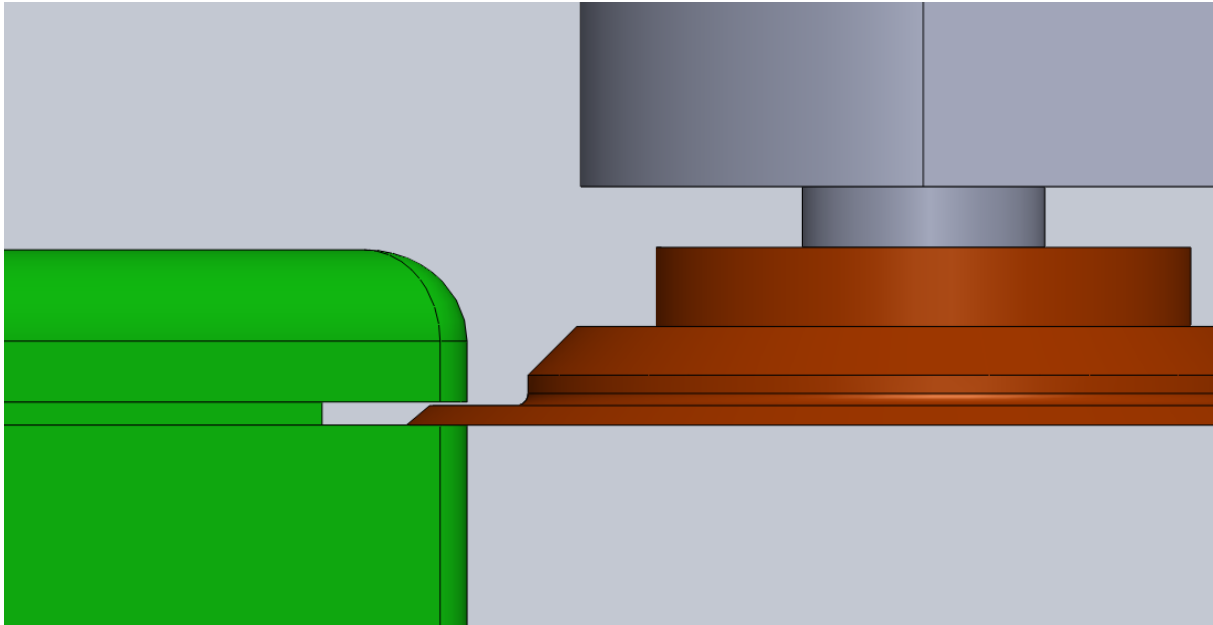
(CAUTION) for the completion of the installation process the box under the button must be filled.

| Kesici Yarıçapı (mm) | 104.00 |
| Kesici İçeri Girme Miktarı (mm) | 0.00 |

The cutter Radius (mm)

The cutter the inlet amount(mm)

İşleme Hızı (Devir / Dakika)   1.00

Tekrar İçeri Girme Miktarı (mm)   0.00   İşlem Sayısı (Devir)   1

Processing speed (rev / min)

The amount of going back in (mm)

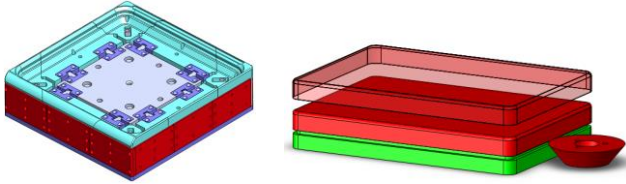İşleme Hızı (Devir / Dakika)   1.00

Processing speed (rev / min)

İşlem Sayısı (Devir)   1   Number of transactions (rotation)

The number of Rotation of the mold (round)

Tekrar İçeri Girme Miktarı (mm)   0.00   The amount of going back in (mm)

(ATTENTION At every tour going in)

☑ Maça Devreye Girsin
☐ Maça Çıkarıcı Olarak Çalışsın
Süresi (sn)   2

1- spade get engaged
2- The spade working as remover

1 - options for the operation of bending and cutting dies, spade is selected.
2 -. Thread cutting dies is selected for removal of the product from the mold.

Start   Emergency stop   Manuel   reset   homing

After Calculation and driver installation process the reset operation should be done, the die and cutter should be sent to reference. Emergency Stop is used to stop the machine in case of emergency. Start operation is used to run the machine after the installation process to use at mass production process.
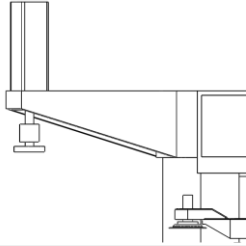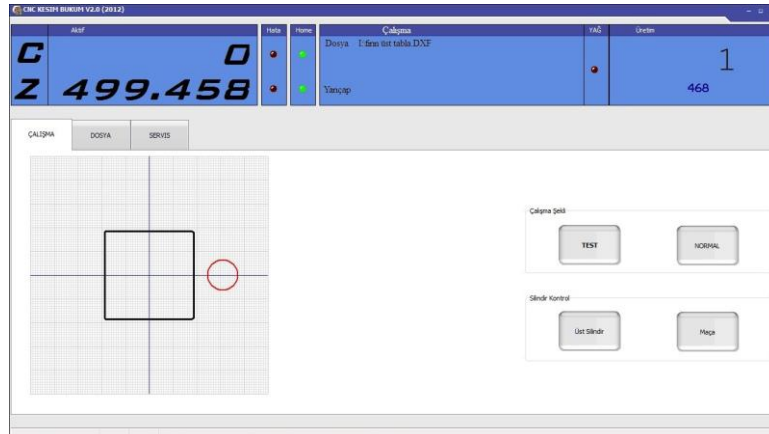

| Üst Piston Kapama Süresi (sn) | 3 |
| Üst Piston Açma Süresi (sn) | 3 |

upper piston closing time(sec)
upper piston opening time(sec)

(a) The waiting time To start operation of the cutter blade to the upper piston (sec)

(b) After the end of the operation time to open the piston (sec)

After calculating DXF files the working mold and cutter image will display on the simulation screen.The correct flow pattern will shown visually and checked.
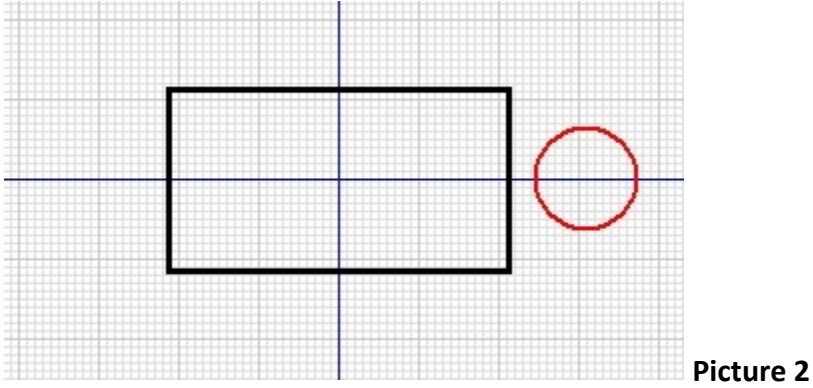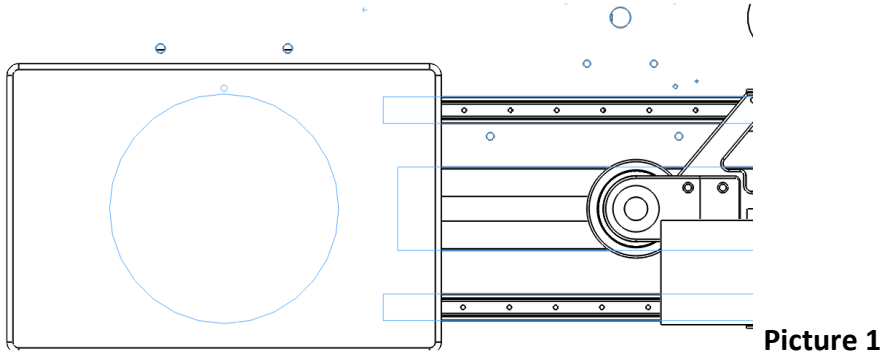

operating mode

After Calculation and installation to prevent any shock or nonconforming work the machine can be run in test mode.

Cylinder control

To control the necessary buttons ManualUpper and lower cylinders.

Picture 1

Picture 2

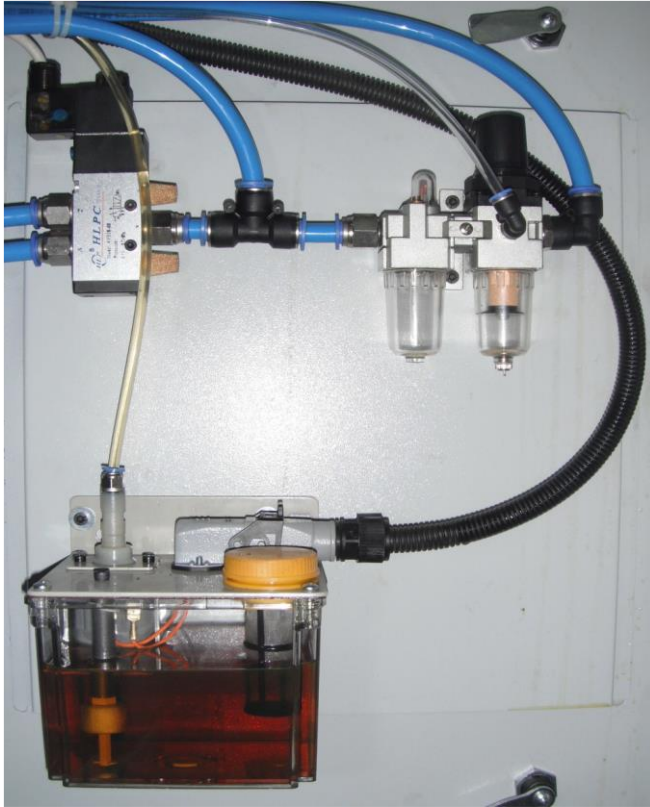**In the first picture the mold on the machine, it must be look like at the simulation screen as second picture.**

Otomatic Greasing

Interval Greasing(pcs)

Greasing Time (sec)

(K) Total after work (m)-sec time to perform a greasing

When the Oil in the tank falls below minimum level, the machine will automatically give the oil alarm data and the processes will stop.