

STHEMMA
MACHINE TOOLS ITALY

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M A C H I N E T O O L S I T A L Y

alu copy and bending machines



THOMAS

Technical Data

Electric motor.....kW 1,1
 Distance between rolls.....mm 170
 Capacity on alu profiles.....mm 40x8
 Steel circular tubes.....mm 47,8 (FE360)
 Voltage.....Volt 220-400
 Frequency.....Hz 50-60

Standard Equipments

Set of service spanners.

Optional Equipments

- Set of steel rollers
- Single phase motor
- Alkolon bar for rollers making



Bendamax Section Benders are used to bend aluminium window frames, roll steel, iron cap rails, bend motorcycles frames and handlebars, bend exhaust pipes, roll flat bars the easy and hard way, bend square bars or roll square tubes, with the correct tooling any BendaMax bender can roll angle bar the hard way or easy way and even roll oval tubes.

BendaMax

bending machine

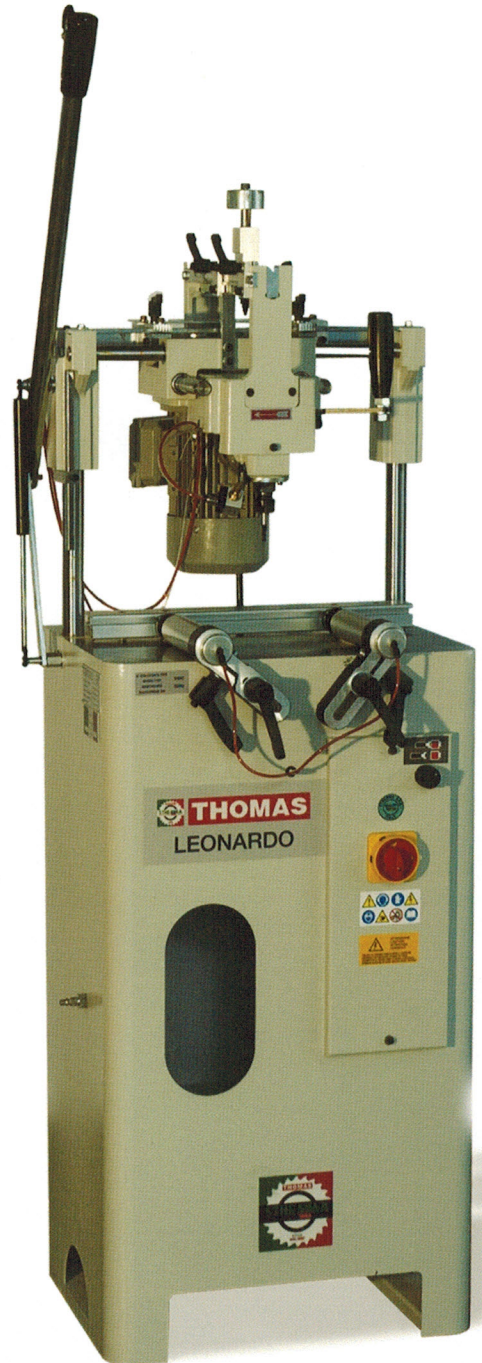
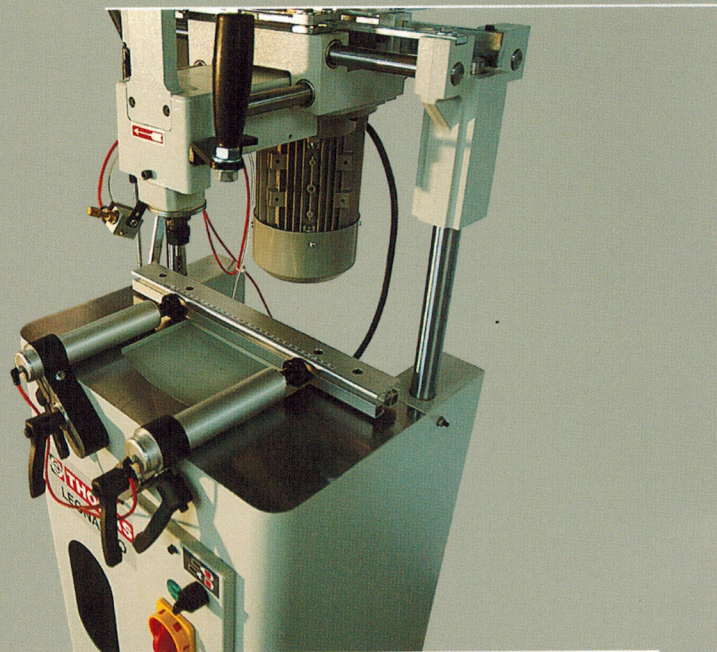
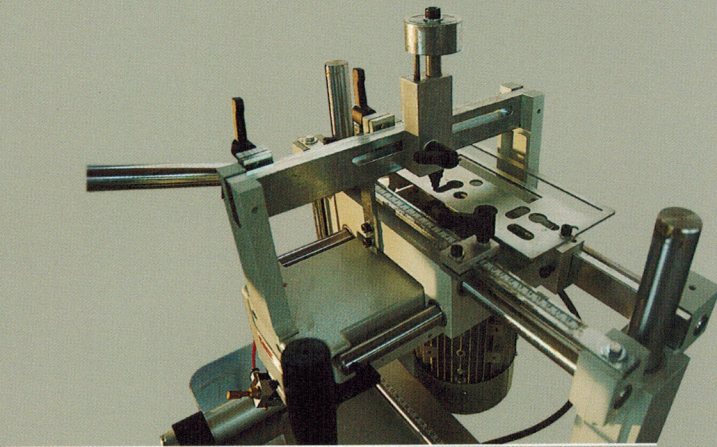


THOMAS

Technical Data

Electric motor.....	kW 0,37
Transversal stroke Max(A).....	mm 200
Longitudenal stroke Max(B).....	mm 120
Vertical stroke Max(C).....	mm 110
Cutter diam Min.....	mm 5
Cutter diam Max.....	mm 12
Standard cutter older.....	mm 8
Voltage.....	Volt 380
Frequency.....	Hz 50
Miling jig.....	qty 1
Service pressure.....	Bar 7 (Min 2)
Spindle speed.....	rpm 10.000
Working table height.....	mm 860

Details



The Leonardo copy routing is the quickest and most effective method for making cut-outs of any shape in hollow sections and trussings. Leonardo is primarily designed to work from an interchangeable, pre-designed metal template which is mounted on the back of the machine. The shape is transferred to work piece using a copy pin to trace the template, then a specially designed self drilling router cutter produces the desired cut-out onto the extrusion. Leonardo can also produce rectangular, square shaped slots without a template, by setting the four head guides to the desired position. The routing method is fast, accurate and can be utilized with unskilled labour. The reliability and versatility has been proven under years of continuous production conditions. Pneumatic clamps, Pneumatic spray mist system, length stops (left and right) are standard.

Leonardo

alu copy machine

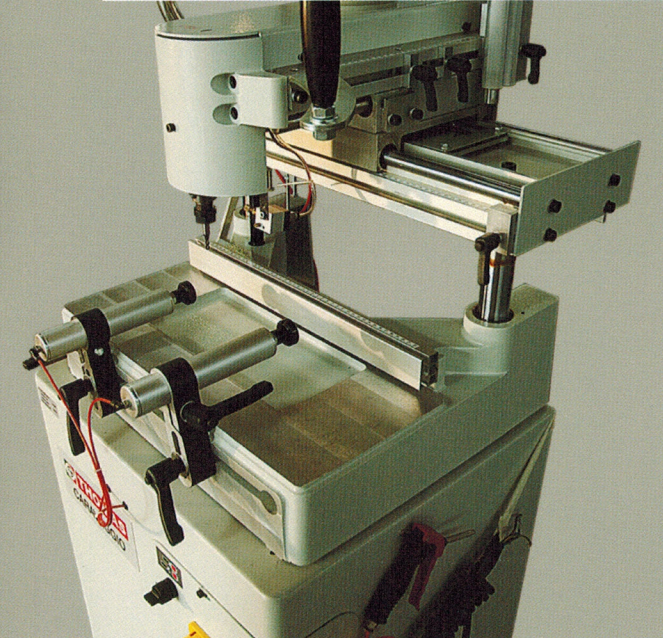
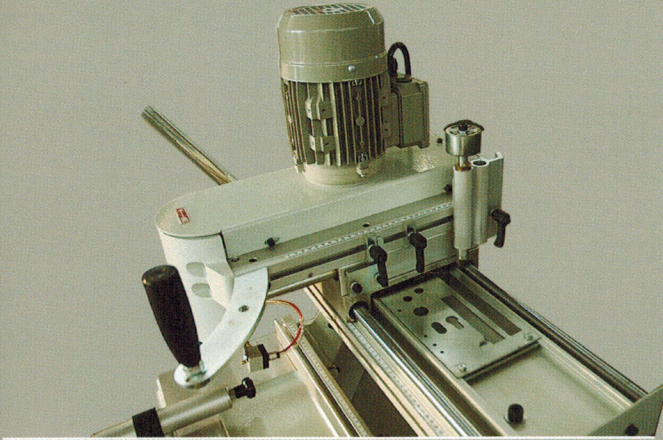


THOMAS

Technical Data

Electric motor.....	kW 0,75
Transversal stroke Max(A).....	mm 330
Longitudenal stroke Max(B).....	mm 150
Vertical stroke Max(C).....	mm 130
Cutter diam Min.....	mm 5
Cutter diam Max.....	mm 12
Standard cutter older.....	mm 8
Voltage.....	Volt 380
Frequency.....	Hz 50
Miling jig.....	qty 2
Service pressure.....	Bar 7 (Min 2)
Spindle speed.....	rpm 12.000
Working table height.....	mm 860

Details



More than Leonardo, the Caravaggio is one of the most popular copy routers. Twin tracer pins are standard along with the pneumatic clamps, pneumatic copy mist system, length stop (left and right) air gun and superb quality construction. The top vertical motor allows drilling into the profile either using one of the two copy templates, free roaming or using the length stops set up by the user.

Caravaggio

alu copy machine

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M A C H I N E T O O L S I T A L Y

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Machines Dimensions and Packaging

LEONARDO

machine weight.....kg 80
machine dimension.....mm 590x560x1650
machine package dimension.....mm 630x590x1820
total package weight.....kg 91

CARAVAGGIO

machine weight.....kg 120
machine dimension.....mm 700x770x1650
machine package dimension.....mm 800x710x1770
total package weight.....kg 135

BENDAMAX

machine weight.....kg 144
machine dimension.....mm 710x700x1370
machine package dimension.....mm 760x710x1430
total package weight.....kg 177

if the machine has to be shifted in its own packing use a fork-lift truck or sling it with straps

