

# FRET-SAW-MACHINES

## VariSpeed 150/PLC - VariSpeed 190/PLC



- **AUTOMATIC BLADE LOCKING**
- VARIABLE SPEED REGULATION
- HIGH WORKING STANDARDS AND SILENCE (55 decibel)
- EXCELLENT PRECISION OF CUT
- HIGH EFFICIENCY EVEN MANY TYPE OF BLADES
- HIGH CUTTING DEPTH
- EASY MAINTENANCE
  
- (\*) AIR CUSHION WORK TABLE
- (\*) DRILL SET WITH SPINDLE FOR BITS UP TO 1÷13 mm
- (\*) LAMP COMPLETE OF ENLARGING LENS

COLOMBO FILIPPETTI SPA

### COLLABORATIVE ENGINEERING

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VARISPEED PLC - IN - 02-2007

# FRET-SAW-MACHINES

## VariSpeed 150/PLC - VariSpeed 190/PLC

The VariSpeed fret-saw-machine PLC is highly professional and versatile, and offers high performance and excellent precision cutting.



The machine is designed specifically for cutting out flat dies forms, using a fully **AUTOMATIC BLADE LOCKING**, which provides a significant reduction in working times and a easily using for the operator.

VariSpeed is the most complete and professional machine in its sector, in consideration of the **HIGH ELEVATION OF THE BLADE**, in respect to the working table for **CUTTING INSIDE** the working piece, very important for the **INTERNAL CUTTING** of the flat die cutting forms in the packing and cardboard industry.

With the **ELECTRONIC SPEED VARIATOR**, the machine satisfies all requirements of cutting, either straight or finely shaped angle fretworks, with many materials as wood, plywood, plastics and light alloys in various sectors: artistic workmanship, modelling, bricolage and furniture woodwork.

Conformity with European Directives (CE Certification), and a combination of easy use and low maintenance ensure safety, it is also **EXTREMELY SILENT**.

An important safety aspect is the **IMMEDIATE STOP OF THE UPPER ROD INCASE THE BLADE BRAKES**

The simple and functional kinematics motion, coupled with a sturdy and completely adjustable machine structure, allow the elimination of any vibration and noise for **HIGH WORKING LEVEL ALSO WITH all type of blades**.

**BLADE TENSION EASILY REGULATED even with machine working**

### OPTIONALS BY REQUEST:

- **AIR CUSHION WORK TABLE**
- **DRILL SET with spindle for bits up to 1÷13 mm**
- **EXTRA BRIGHT WORK ZONE LAMP, complete of a MAGNIFYING GLASS (standard 1,5x)**
- **COMPRESSOR SET (pneumatic supply 8 bar)**
- **THE MAX. BLADE OUTLET IN RESPECT TO THE WORK PLANE IS 55mm FOR INTERNAL CUTTING (useful space between the table and the blade)**

TECHNICAL FEATURES	VariSpeed 150/PLC	VariSpeed 190/PLC
ARM-SPAN	1500 mm	1900 mm
CUTTING SPEED	Variable from 0÷1.500 rpm	Variable from 0÷1.500 rpm
CUTTING DEPTH (blades 160 mm)		
• INTERNAL CUTTING (with blade guide)	55 mm	55 mm
• EXTERNAL EDGE CUTTING (without blade guide)	75 mm	75 mm
<b>IMPORTANT!</b>		
MAX. ELEVATION OF THE BLADE RESPECT THE WORKING TABLE	55 mm (MAX.) (for internal cutting)	55 mm (MAX.) (for internal cutting)
WORKING STROKE	23 mm	23 mm
ELECTRIC INPUT VOLTAGE (standard)	V220/380 - 3 PH-50 Hz (+ NEUTRAL)	V220/380 - 3 PH-50 Hz (+ NEUTRAL)
POWER OF MAIN MOTOR		
• ELECTRONIC SPEED VARIATOR	0,55 KW	0,55 KW
VACUUM DUST COLLECTOR	V220 - 1 PH - 50 Hz 1000 W	V220 - 1 PH - 50 Hz 1000 W
PNEUMATIC SUPPLY	8 bar	8 bar
WORKING TABLE DIMENSION	1700 x 1000 mm	1700 x 1000 mm
MACHINE OVERALL DIMENSIONS		
• INCLUDED WORKING TABLE	2070 x 1000 x 1730 mm	2470 x 1000 x 1730 mm
OVERALL DIMENSIONS (with crate)	2170 x 1100 x 1880 h	2570 x 1100 x 1880 h
NET WEIGHT	KG. 450	KG. 500
GROSS WEIGHT (with heavy crate)	KG. 640	KG. 690
<b>OPTIONAL:</b>	<b>OPTIONAL:</b>	<b>OPTIONAL:</b>
DRILL SET	V220/380 - 3 PH-50 Hz 0,18 KW	V220/380 - 3 PH-50 Hz 0,18 KW
LAMP COMPLETE OF ENLARGING LENS (1,5x)	V220 - 1 FASE - 50 Hz (1,5x)	V220 - 1 FASE - 50 Hz (1,5x)
COMPRESSOR SET	V220 - 1 FASE - 50 Hz 0,48 KW	V220 - 1 FASE - 50 Hz 0,48 KW