

SIGMA 400 PRO - SIGMA 630 PRO - SIGMA 1200 PRO

The **SIGMA PRO** are electrical workshop band saw machines for plastic pipes.

The **SIGMA PRO** were specially designed to perform easy cuts with a wide range of inclinations (up to 67,5°), therefore becoming the ideal right-hand device to use with the ALFA fittings machines for the construction of special fittings (bends, wyes, tees and crosses), by joining pipe segments.

A special device allows to lock the 90° segmented joint and to cut its corner before performing 2nd fusion (for making TEES and Crosses fittings).

Preparation and cutting operations are extremely easy and safe to perform, due to the fact that the manual sliding blade-hold arm is supplied with recirculating ball slideways and that the controls are placed at a safe distance from the cut area.

These band saw machines can also cut plastic sheets through a special kit supplied on request. This kit includes an easy-fix plane supporting bench and an adjustable sheet guide square. It is also possible to perform a 90° blade rotation with respect to the band saw arm and, by doing so, cut the sheet in all its length.

Special auxiliary devices release the blade stress during the cut and reduce the ordinary technical maintenances.

SUPPLIED WITH

- **Band saw machine** complete with **special device to lock 90° segmented joint** and a **spare blade**.

ON REQUEST

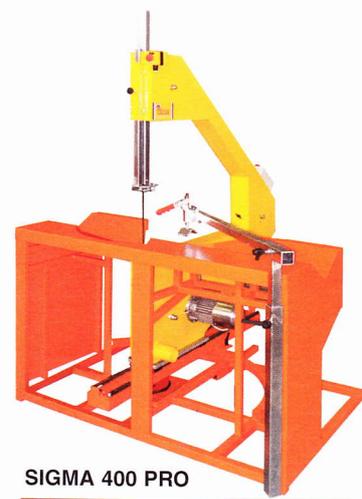
- **Sheet cut kit (auxiliary bench and sheet guide device)**.

TECHNICAL FEATURES

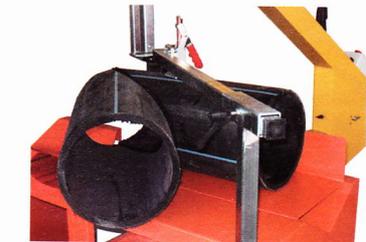
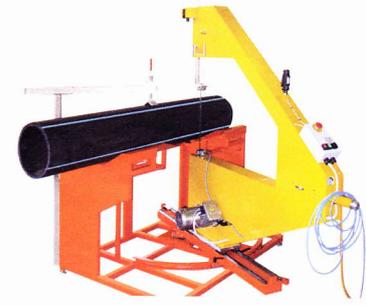
	SIGMA 400 PRO	SIGMA 630 PRO
Pipes working range	Up to 400 mm	Up to 630 mm
Sheets working range	980 mm (*)	1350 mm (*)
Maximum cut inclination	67,5°	
Power supply	400 V, three-phase+N, 50-60 Hz	
Maximum absorbed power	750 W	1500 W
Max. overall dimensions (W x D x H)	2980 x 2650 x 2980 mm	4350 x 3460 x 2600 mm
Blade	width = 16 mm thickness = 0,5 mm length = 4600 mm	width = 25 mm thickness = 0,6 mm
Weight 640 kg	640 kg	

	SIGMA 1200 PRO
Pipes working range	Up to 1200 mm
Maximum cut inclination	67,5°

(*) : depth between blade and arm. When the blade is rotated in comparison to the band saw arm, whatsoever length can be cut on the other sheet side



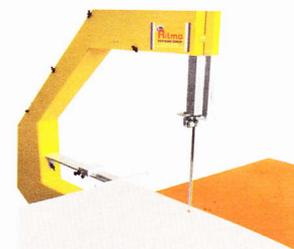
SIGMA 400 PRO



special locking device



machine control devices



configuration for sheet cutting