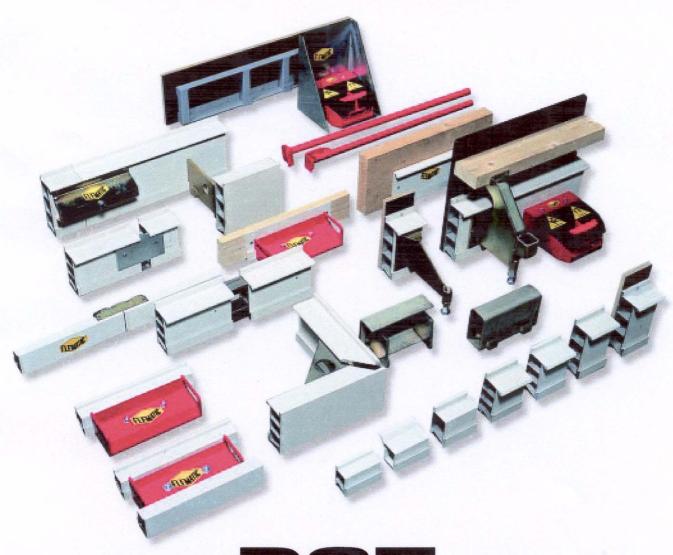


ELEMATIC FASTENING METHOD

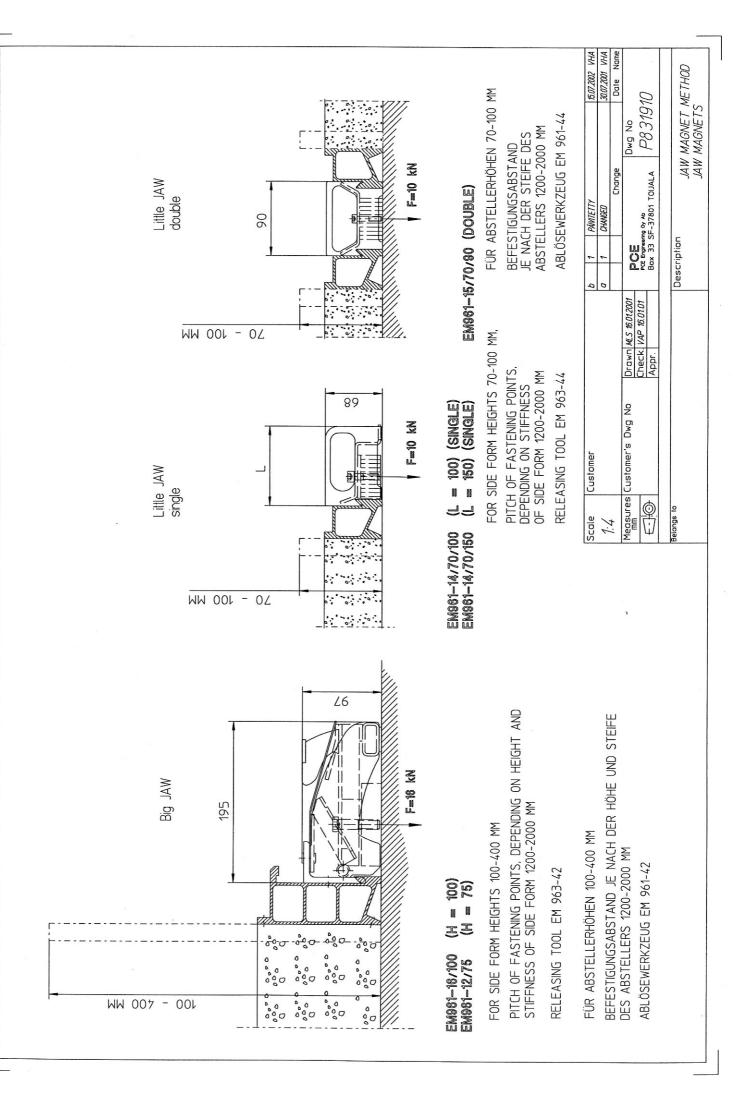
TECHNOLOGY

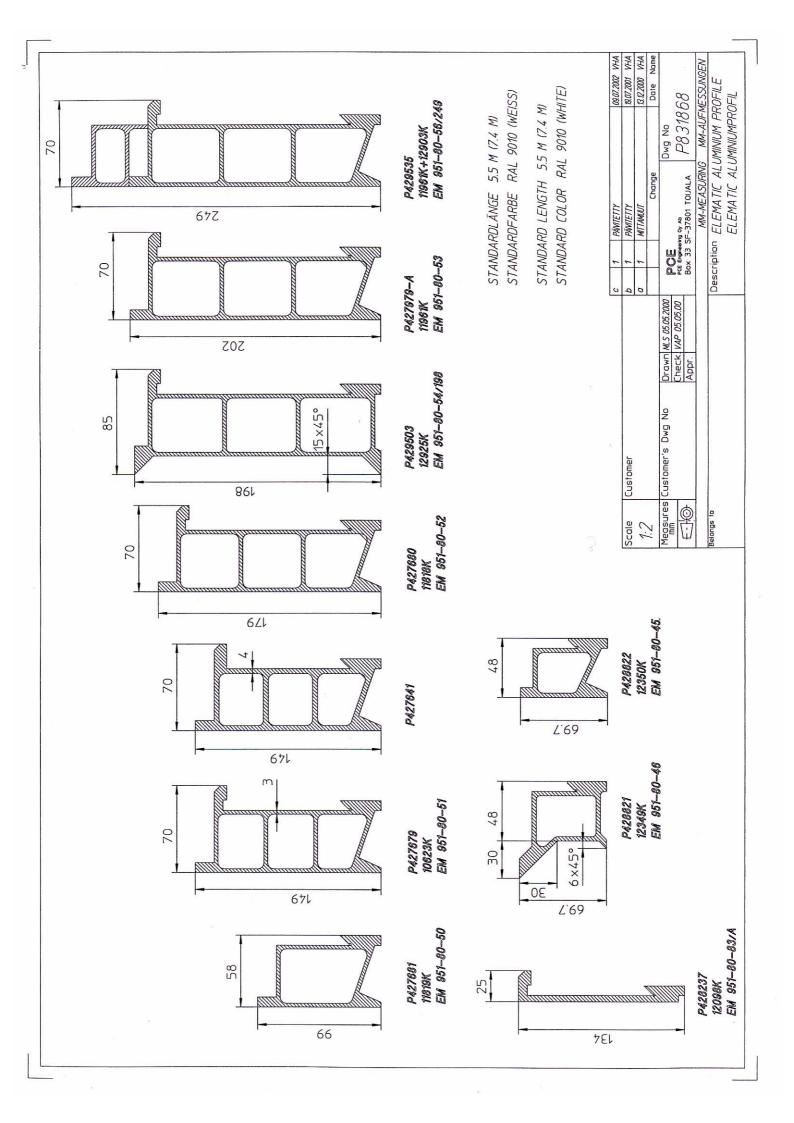


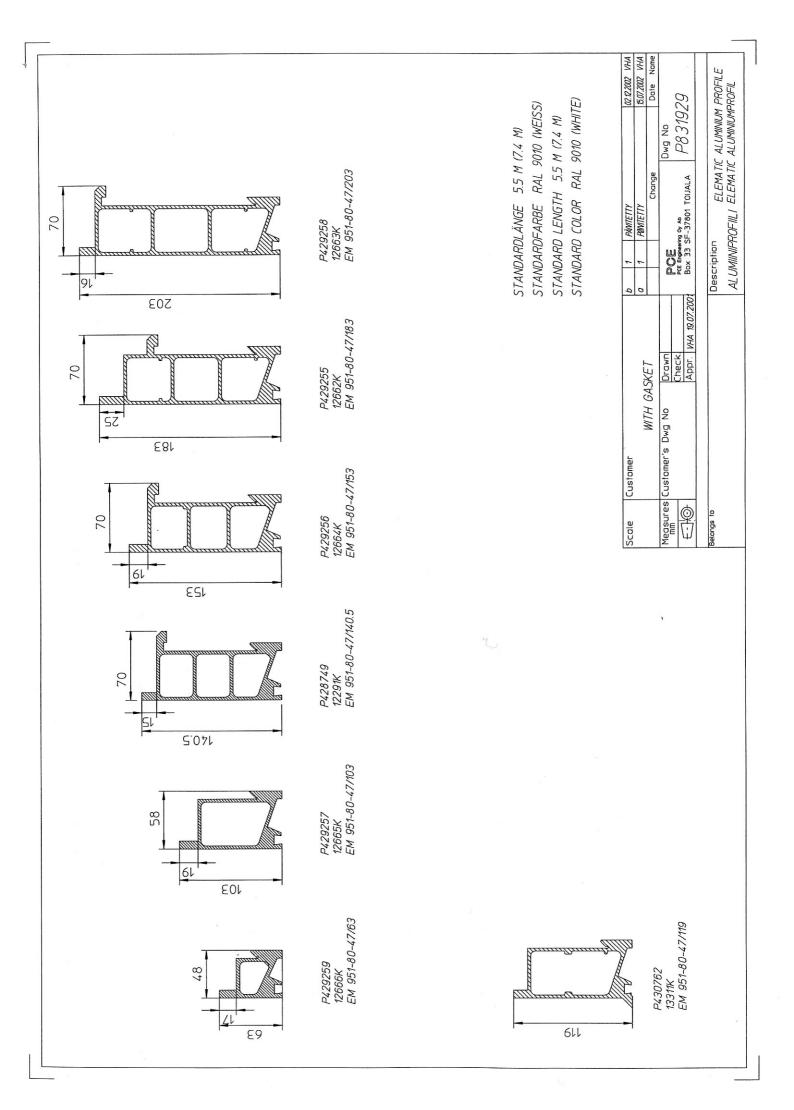


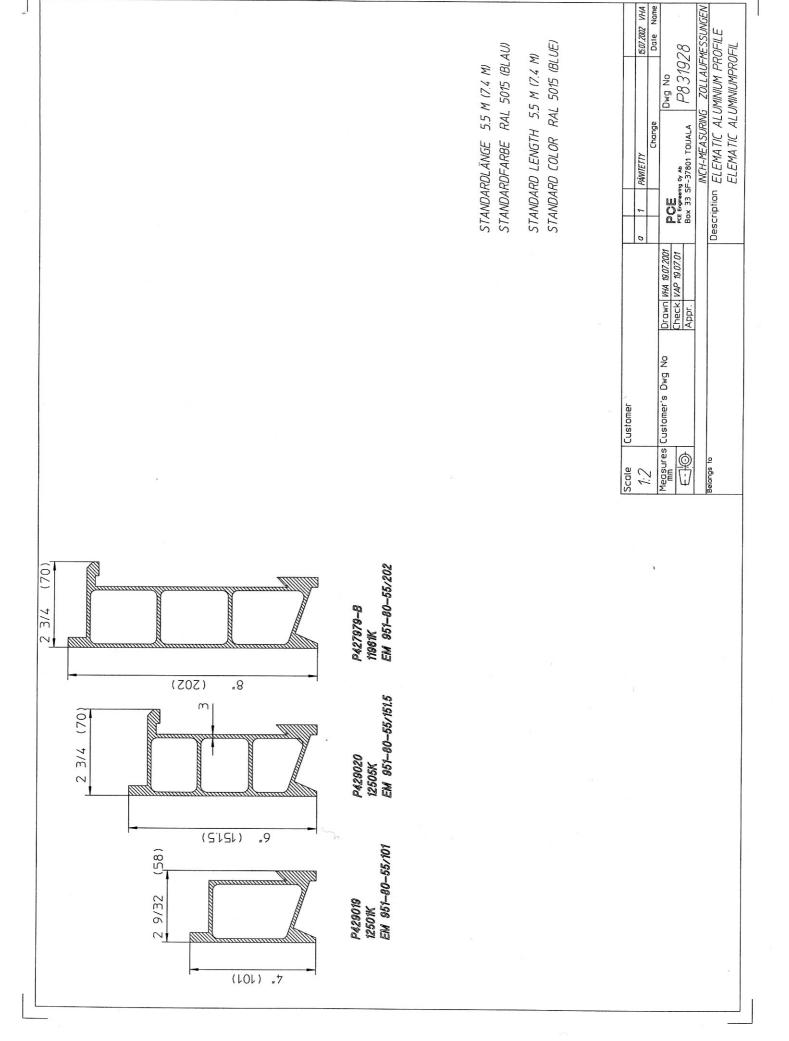
P.O.BOX 33, FIN 37801 TOIJALA, FINLAND Tel. +358-(0)3 549 511 Fax +358-(0)3 549 5300

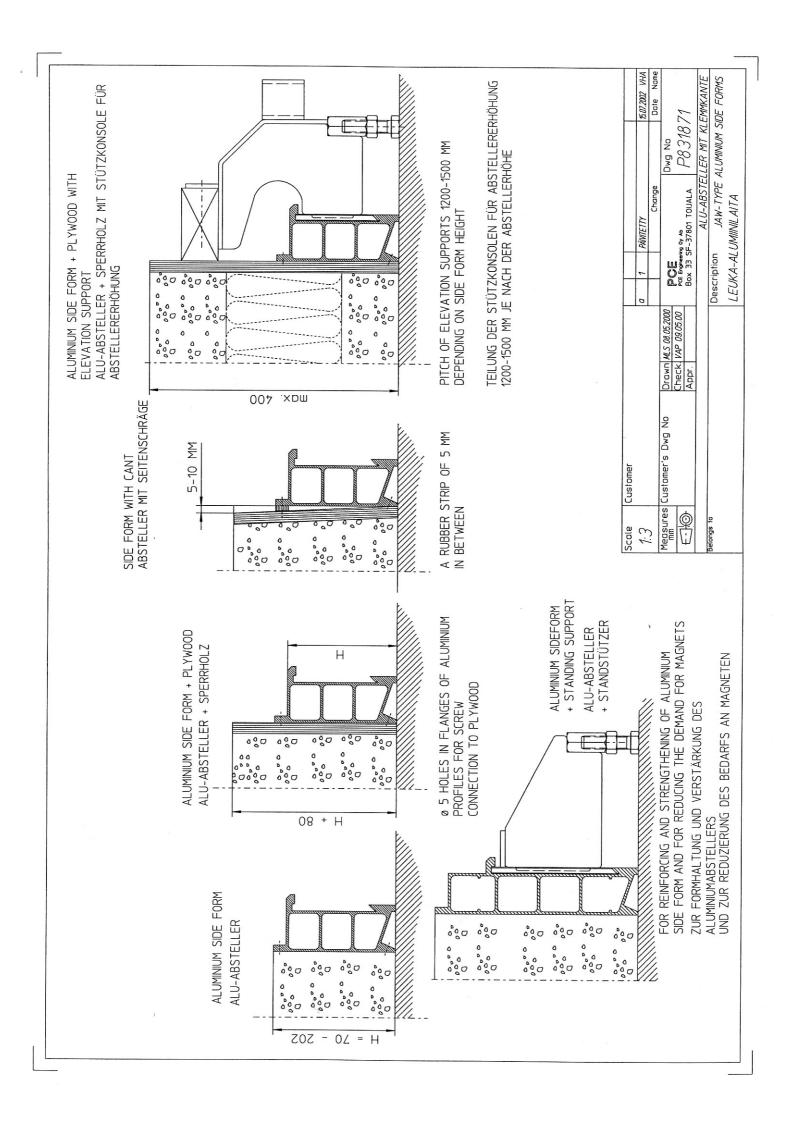
www.elematic.com

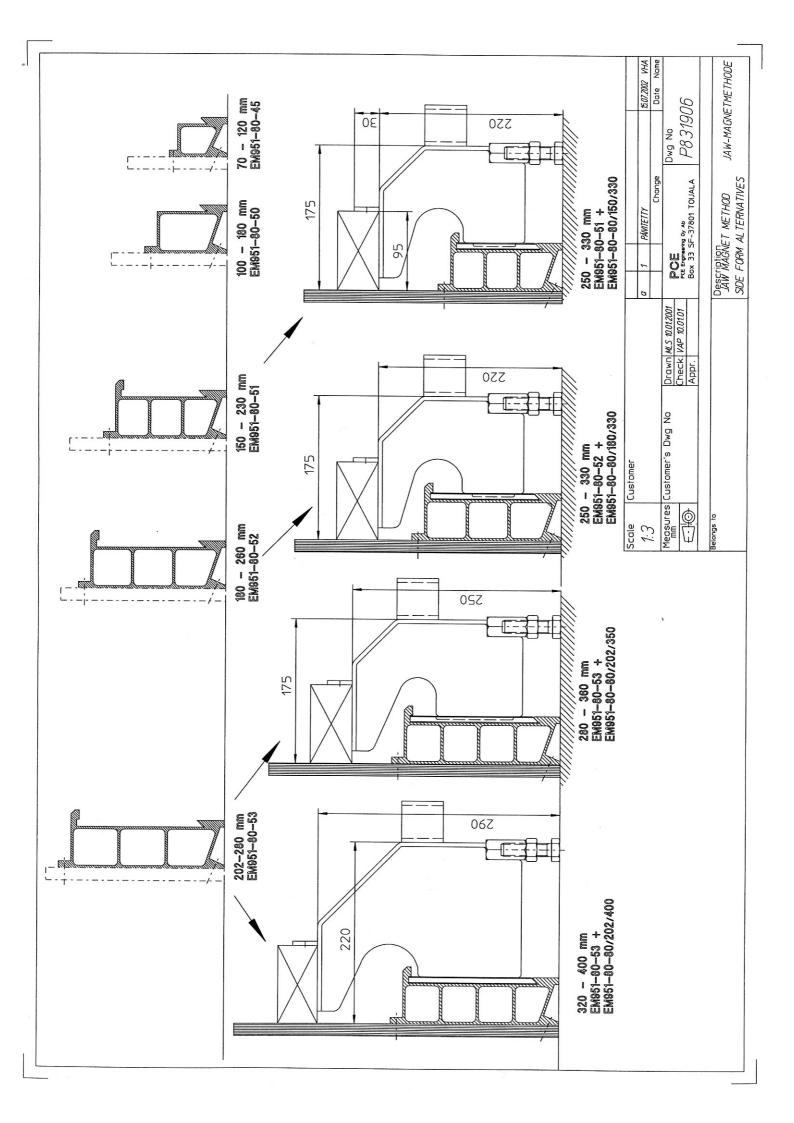


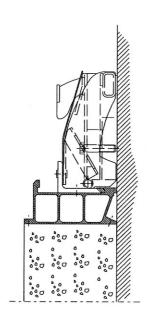






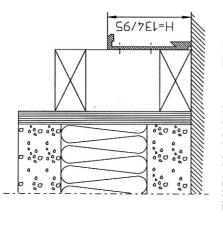






EM951-45...55

AN EINSATZBEREITE ALUMINIUM ABSTELLER TO A READY-TO-USE ALUMINIUM SIDE FORM



STI

00

35

EM951-80-83/A/H or -83/S

AN HOLZABSTELLER MITTELS ALU-BEFESTIGUNGSPLATTE MIT DREIKANT KLEMMLEISTE MIT SCHRAUBENBEFESTIGUNG TO A WOODEN SIDE FORM BY MEANS OF AN ALUMINIUM ADAPTER WITH SCREW FASTENING

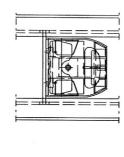
AN HOLZABSTELLER MITTELS STAHLRAHMEN MIT DREIKANT-

KLEMMLEISTE MIT SCHRAUBENBEFESTIGUNG

TO A WOODEN SIDE FORM USING A JAW-TYPE ADAPTER

EM951-80-90/145/700

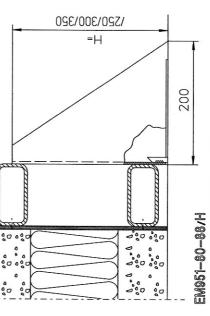
STEEL FRAME WITH SCREW FASTENING



EM951-80-89/115/240

DOUBLE FASTENING PLATE ZWEISEITIGE KLEMMPLATTE

UPDATED



BY MEANS OF A WELDABLE JAW-TYPE BRACKET	MIT SCHWEISSBARER KONSOLE MIT DREIKANT-	KLEMMLEISTE [See 1]
BY MEAN	MIT SCHW	KLEMMLE

02.12.2002 VHA 19.07.2002 VHA 05.10.2001 VHA Date Name P831909 Dwg No Change PCE
Pre Engineering by Ab
Box 33 SF-37801 TOUALA UPDATED IMAGNETI UPDATED Drawn Check. Appr. *MST 12.01.2001* leasures Customer's Dwg No Customer 0 Scale

JAW-MAGNETMETHODE BEFESTIGUNGSAL TERNA Description JAW MAGNET METHOD FLISURYAWA GINIFIRMITIVES

EM951-80-84/F

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1. 1. 1. 1.

TO A STEEL SIDE FORM WITH A PAIR OF A WELDABLE

EM951-80-84/P

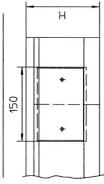
P = STEEL PLATE F = STEEL FLAT

ADAPTERS

AN STAHLABSTELLER MIT EINEM PAAR VON SCHWEISSBAREN

P=STAHLBLECH F=FLACHSTAHL KLEMMPLATTEN

FESTE KURZE VERLÄNGERUNG PERMANENT SHORT SPLICE



EM951-80-82/H

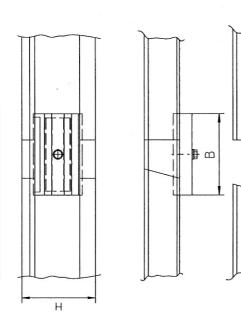
Ø 6.5 DRILLING IN THE SIDE FORM ACC.TO PLATE + RIVET JOINT

ø 6.5 BOHRUNG GEM. PLATTE IN DEN ABSTELLER + NIETVERBINDUNG

SCHNELLVERBINDUNG QUICK CONNECTION BOX

FESTE LANGE VERLÄNGERUNG PERMANENT LONG SPLICE

250



EM951-80-82/H + EM951-80-87/70 or 100-202

ø 6.5 DRILLING IN THE SIDE FORM ACC.TO PLATE + RIVET JOINT

DRIVE ONE HALF OF THE LOCK PIN INTO ONE AND THE OTHER PART

ø 6.5 BOHRUNG GEM. PLATTE IN DEN ABSTELLER NIETVERBINDUNG

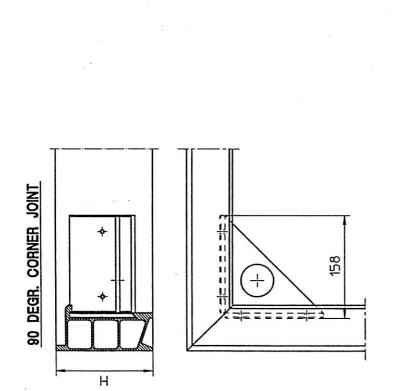
EM951-80-86/H/B

EINE HÄLFTE DER BOLZE IN EINEN UND DIE ANDERE HÄLFTE IN DEN ANDEREN TEIL EINTREIBEN

Scale	Customer							
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ф 		Appr. MST 10.01.2001	Bo	× 33 S	F-37801 TOIJALA	10019	1	

JAW MAGNET WETHORY JAW-MAGNETMETHODE COMMECTION VAINTHAND HOLES

Description



ARTICULATION PART

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EM951-80-85/H

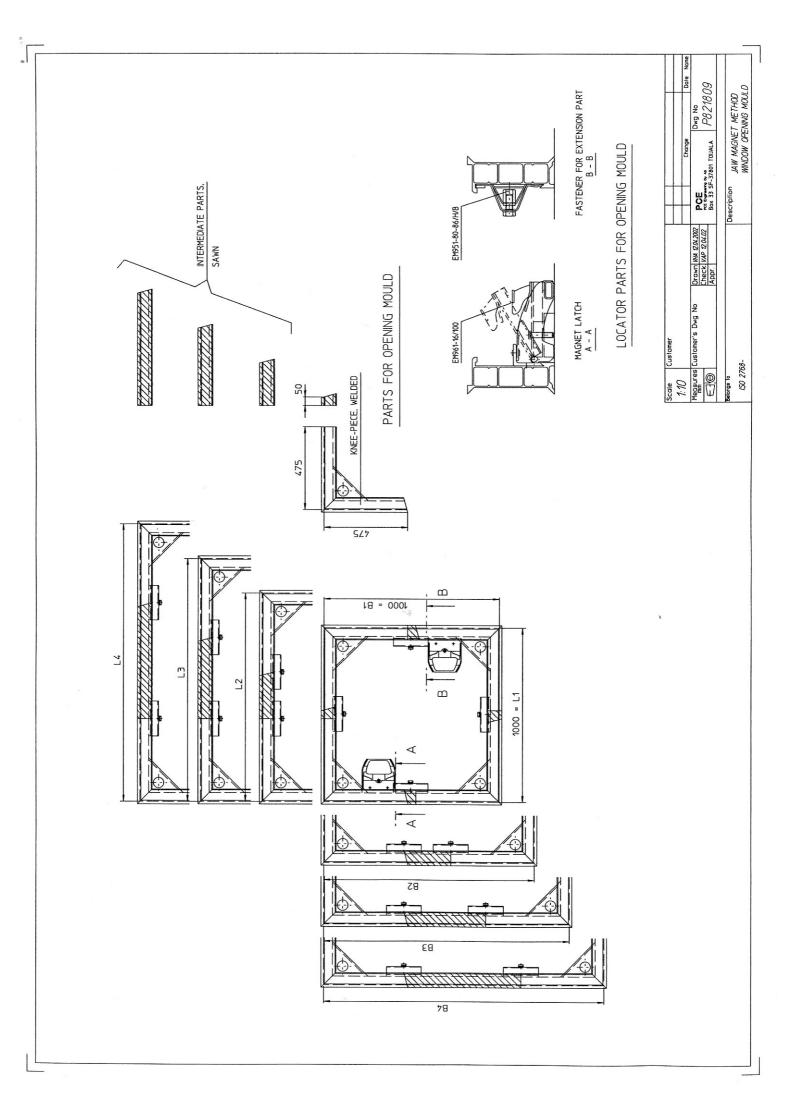
051

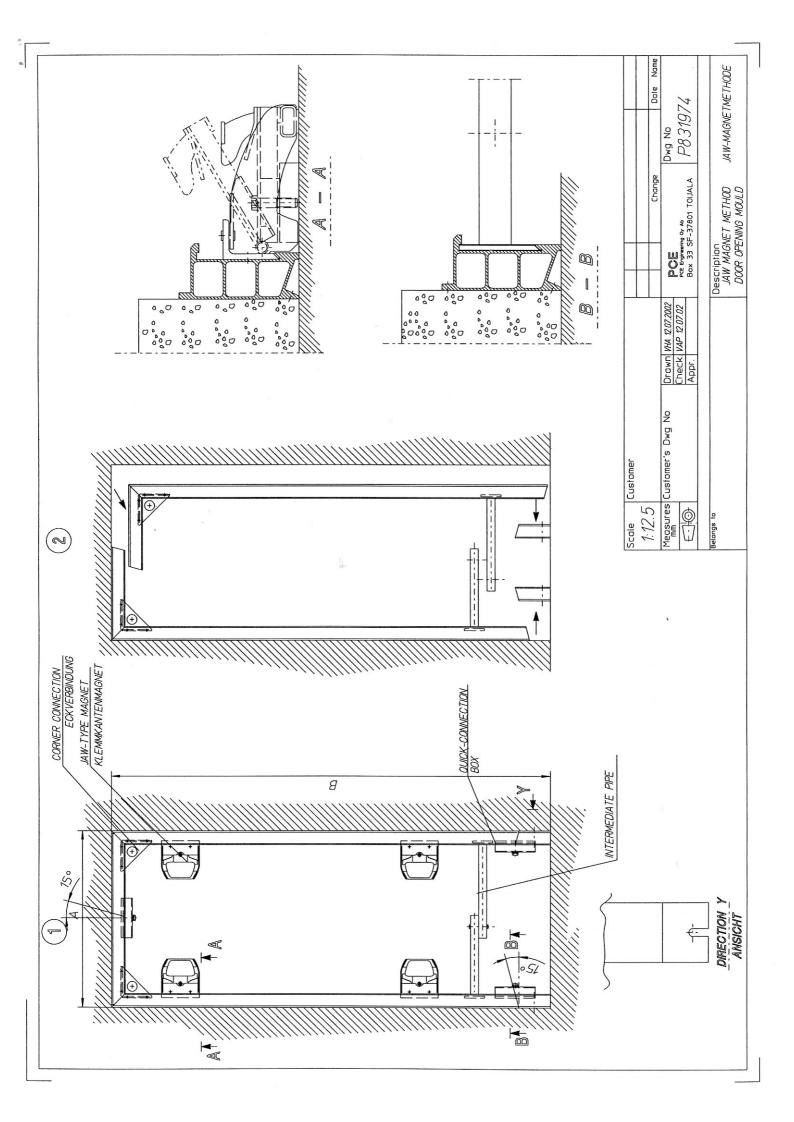
ø 6 DRILLINGS IN SIDE FORM ACC. TO ARTICULATION PART + RIVETED JOINT

ø 6 DRILLINGS IN SIDE FORMS ACC. TO CORNER PART + RIVETED JOINT

EM951-80-81/H

Scale Customer	Customer						
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t:				Change		Date Name	Name
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7		Appr.	Box 33 S	F-37801 TOIJALA	1031300	Ş	
Belongs to			Description		INIUM SIDE	FORMS	
				CORNERS	CORNERS AND ARTICULATIONS	LATION	S





Case: PCE - Laser + Jaw Magnet system ■ Measuring time ☑ Fastenig time



El*i*LASER

The ELEMATIC EL*i*LASER system consists of one or two laser projectors and the software controlling them. The idea is to project the CAD drawing details on the mould surface and install the formwork according to the projection, most efficiently with the ELEMATIC fixing system. EL*i*LASER eliminates errors and increases the accuracy of the form building. At the same time, the work phase time can also be reduced drastically by applying both EL*i*LASER laser projection system and the ELEMATIC fixing system. If the laser projector is used over several stationary moulds, the ELEMATIC EL*i*TRACK system can be installed for moving the laser projector or pair of projectors.





PCE Engineering

El*i*LASER



Technical Details laser unit:

Dimensions: 600 x 300 x 180 mm

Weight: 20 kg System of protection: IP54

Input Voltage: 80-250 VDC

Power Input: 70 VA Range of Temperature: 0-40°C

Laser wave length: 532 nm(green)

Laser class: 3B

Aperture angle: 87° x 67°

Interface: RS232 / RS485

Mounting distance from material upper edge and projection max.size :

Distance h/mm Projection size with 87° angle with 67° angle 2000 3796 2648 3000 5694 3971 4000 7592 5295 9490 6619 5000 7000 13286 9266 9000 17081 11914





EIILASER

PC requirements for control software:

The PC for controlling the laser projector via the control software has to fulfill the following conditions:

- -Pentium 133Mhz processor
- -16 MB RAM
- -20 MB free hard disk storage
- -Mouse
- -CD-ROM drive,
- -Serial interface(COM)
- -Graphic board and monitor with a resolution of 800x600 points with 256 colours,
- -Working under windows 95/98/NT 4.0/2000/ME/XP.

Software powers:

- -Setting of the configuration parameters and 4-point quick calibration. Additionally drift compensation through an automatic search of the drift sensors.
- -Standard import module for DXF- and HPGL-file formats.
- -Definition of different projection levels and origins, selection of one or more drawing layers for the projection, shifting, rotation, alignment of drawings.
- -It may be useful to use a remote control for working with the software, if the control PC is not standing directly next to the working place.
- -3- or 7-button radio remote control.

