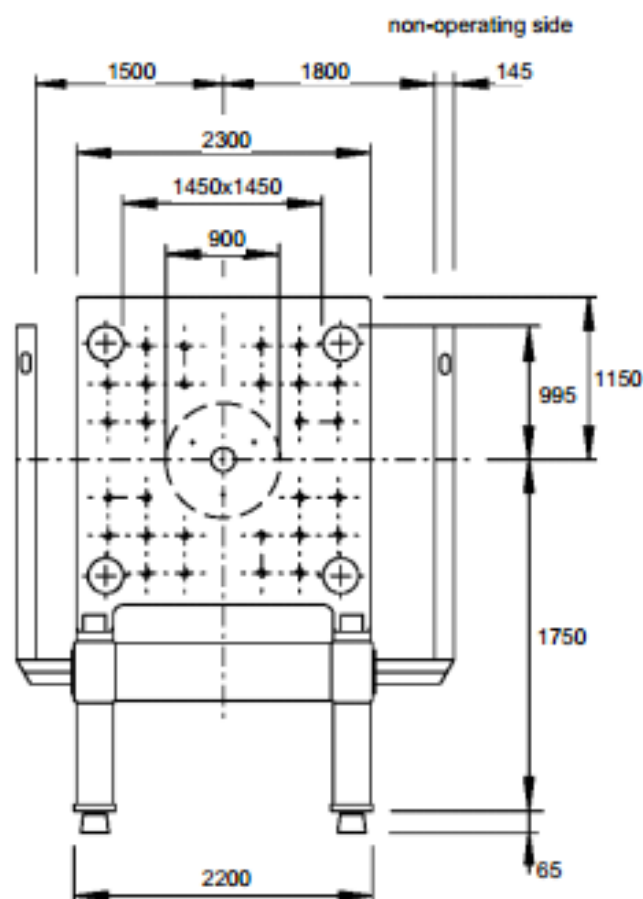


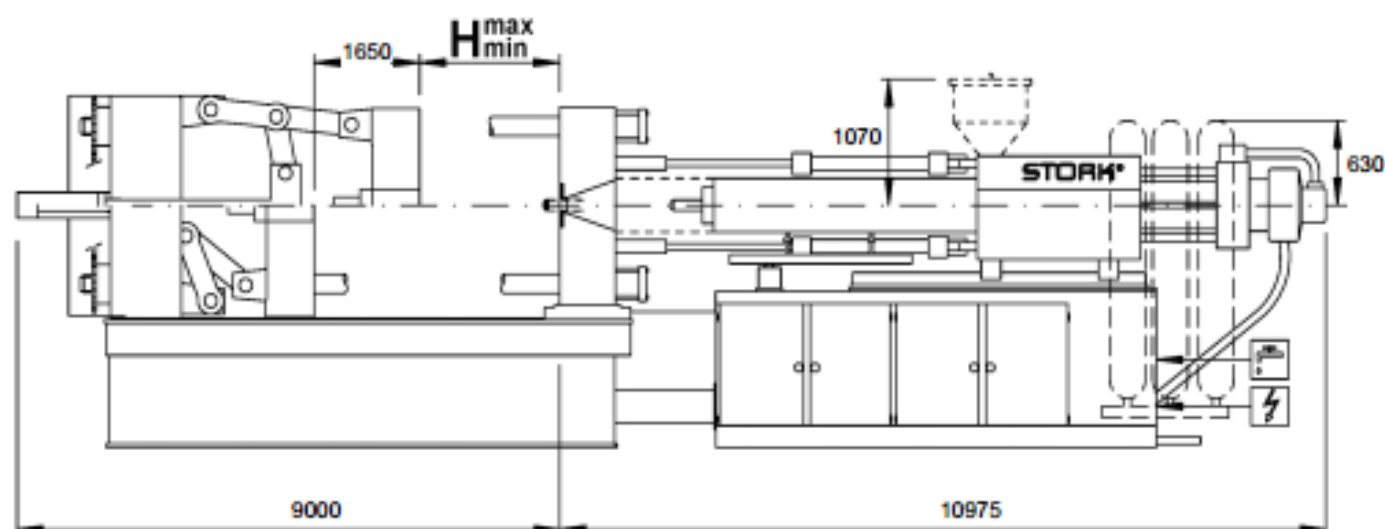
N-18000

CE



MACHINE-TYPE	: N
CLAMPING-UNIT	: 18000
INJECTION UNIT	: 31500

Mouldheight
Hmin = 500 mm
Hmax = 1600 mm



N-18000

MACHINE-TYPE

N-18000-31500

CLAMPING-UNIT

Holding force	19800	kN
Clamping force	18000	kN
Opening force (0 to 10 mm)	1591	kN
Opening stroke (max.)	1650	mm
Mould diameter (min.)	900	mm
Max. mouldweight ***)	30000	kg
Max. daylight	3250	mm
Mouldheight		
- min./max. standard	500 - 1600	mm
Distance between tie bars	1450 x 1450	mm
Tie bar diameter	270	mm
Ejector force	142	kN
Ejector stroke (max.)	500	mm
Dry cycle time (Euromap 6 - 1994)		
- without nozzle retraction	7.1 (1015 mm)	s
- with nozzle retraction	7.1 (1015 mm)	s
Weight clamping-unit	132.0	kg*10 ³

INJECTION UNIT

Screw	B	
Screw diameter	180	mm
Screw L/D ratio	25.0	
Injection pressure (max.) **)	1500	bar
Screw stroke (max.)	825	mm
Calculated swept volume (max.)	20994	cm ³
Shot weight PS (max.)	19944	g
Injection rate (max.) standard	2262	cm ³ /s
Injection rate accumulator (max.) *)	5089	cm ³ /s
Plasticizing capacity PS (GP screw)	258 510	g/s 1) kg/h 1)
Plasticizing capacity PE (PE-II screw)	234 464	g/s 1) kg/h 1)
Hydromotor	MRT 7800	
Screw speed (max.)	128	min ⁻¹
Screw torque	22172	Nm
Heating zones	13	
Heating capacity	204	kW
Nozzle contact force	158	kN
Nozzle stroke (max.)	1070	mm
Rating of electromotor	200 + 200	kW
Noise level ****)	81	dBa
Oil reservoir capacity	3600	l
Weight injection-unit	35.0	kg*10 ³

Controller

CDS600

- 1) Depending on proces conditions and max. attainable screw-speed
 *) Optional, on request
 **) At 300 degrees C.
 ***) 2/3 of the weight on fixed platen
 ****) According ISO 3744

Preliminary information, subject to modifications
 Values on the leaflet may be influenced by options and customer wishes
 Produced in conformity with ISO 9001, CE approved