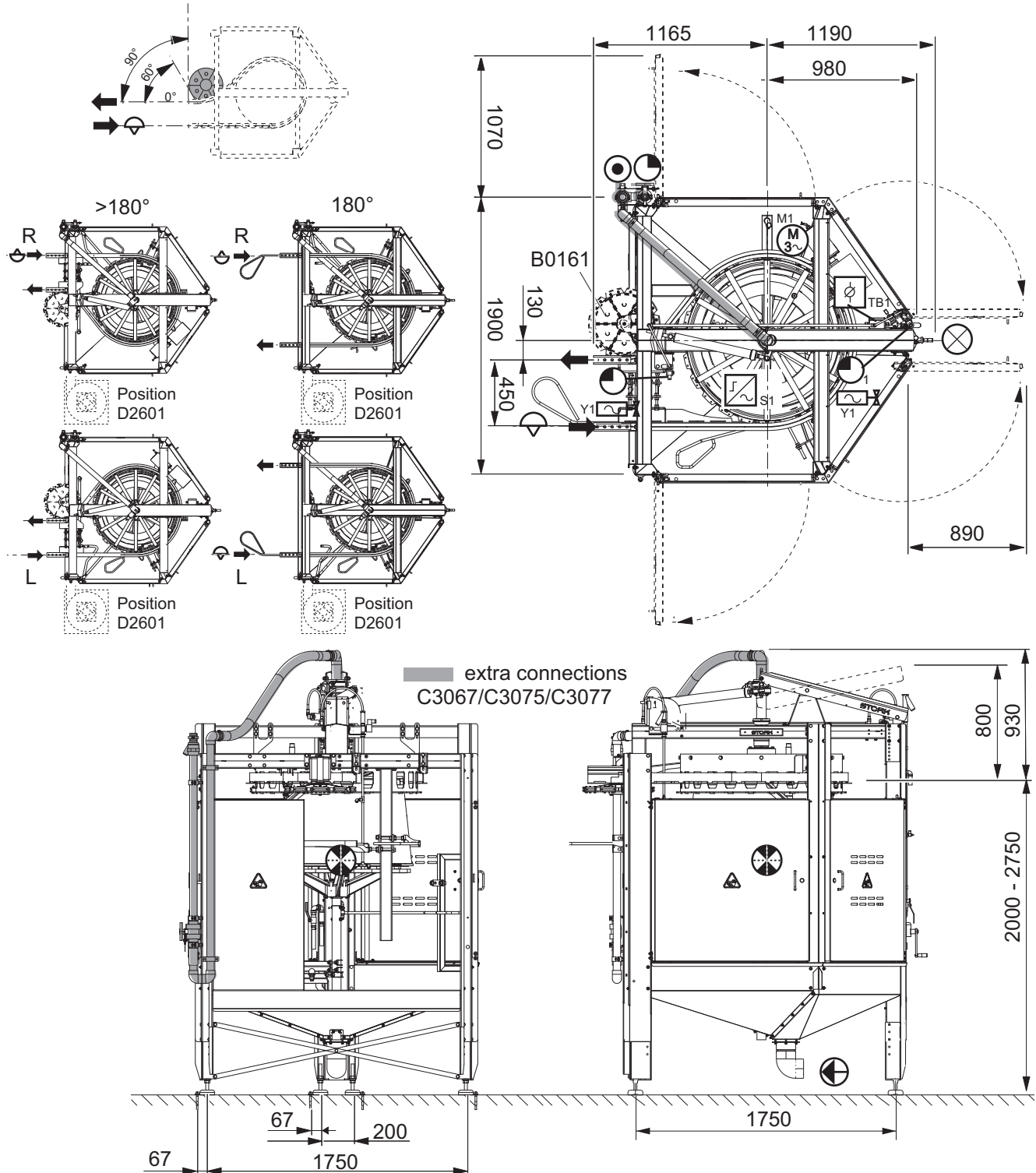











Make sure you consult the user manual "Explanation of symbols Technical Data" (90819) for all the details.  
Dimensions in mm

	sigma / T profile			tube track / I beam		
Type	0	60	90	0	60	90
NIC-...RS	X	X	X	X	-	-







SI units [US units]

Medium			Unit	Temperature	Connection	Consumption
motor		M1			factory wired	0.37 kW [0.5 HP]
terminal box		TB1			4 x 2.5 mm <sup>2</sup> [4 x 14 AWG] 3 x 1 mm <sup>2</sup> [3 x 16 AWG]	
AC sensor		S1	24 VAC [110 VAC]		factory wired	0.5 W
drainage					 Ø 110 mm [4"]	
compressed air			400 - 500 kPa [58 - 72.5 PSI]		 Ø 8 mm [5/16"]	< 0.1 Nm <sup>3</sup> /h [< 0.05 CFM]
centre of gravity						
airborne noise emissions			LpA = 82 dB(A)			
mass	NIC-24 NIC-18		1135 kg [2500 lb] 1170 kg [2575 lb]			




\* only US market

Extra Connections for NIC-24V RS SHD (C3075) and NIC-24V RS (C3077)






Medium			Unit	Temperature	Connection	Consumption
hot water			100 - 300 kPa [14.5 - 43.5 PSI]	45 - 65 °C [113 - 150 °F]	 R <sup>3</sup> / <sub>4</sub> [NPT]	1.5 m <sup>3</sup> /h** [6.6 GPM]
vacuum			-80 - -30 kPa 600 - 225 mmHg [23.6 - 8.9 inHg]		 Ø50 mm	350 m <sup>3</sup> /h [206 CFM]

\* only for cleaning after production: approx. 20 minutes

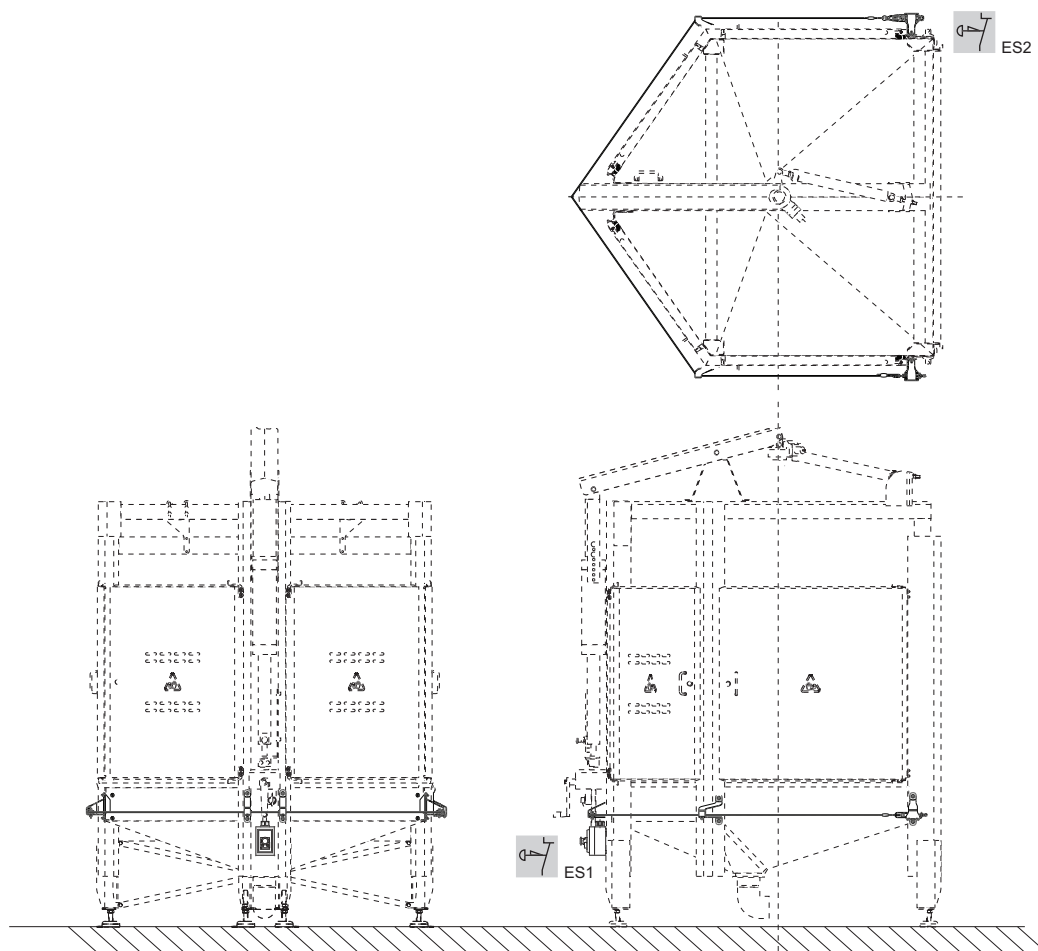
Connections non-chlorinated water

Medium			Unit	Temperature	Connection	Consumption
cold water			100 - 300 kPa [14.5 - 43.5 PSI]	1 - 20 °C [34 - 68 °F]	 Rp <sup>3</sup> / <sub>4</sub> [NPT]	2 - 2.5 m <sup>3</sup> /h [9 - 11 GPM]
AC valve (solenoid valve)		Y1	24 VAC [110 VAC]		3 x 1.5 mm <sup>2</sup> [3 x 16 AWG]	12 W


Connections chlorinated water (Only for US market)

Medium			Unit	Temperature	Connection	Consumption
cold water		1	100 - 300 kPa [14.5 - 43.5 PSI]	1 - 20 °C [34 - 68 °F]	 Rp <sup>3</sup> / <sub>4</sub> [NPT]	2 - 2.5 m <sup>3</sup> /h [9 - 11 GPM]
cold water		2	100 - 300 kPa [14.5 - 43.5 PSI]	1 - 20 °C [34 - 68 °F]	 Rp <sup>1</sup> / <sub>2</sub> [NPT]	0.5 m <sup>3</sup> /h [2.2 GPM]
AC valve (solenoid valve)		Y1	24 VAC [110 VAC]		3 x 1.5 mm <sup>2</sup> [3 x 16 AWG]	12 W

Option: Emergency stops



SI units [US units]

Medium			Unit	Temperature	Connection	Consumption
emergency stop*		ES1*, ES2*			2 x (3 x 1.5 mm <sup>2</sup> ) [2 x (3 x 16 AWG)]	

\* optional for US market