



GENERAL TECHNICAL DESCRIPTION

AQUARIUS ENGINEERS PVT. LTD



3.2 Technical data

You will find the most important technical data and setting values for your machine in the following table, and also in the test reading delivered with your machine and on its rating plate.

BSA model		1405D	1407D	1407D HR	1400 HPD
Dimensions	Height	2175 mm	2175 mm	2500	2500
	Length	5490 mm	5490 mm	6235	6235
	Width	1909 mm	1909 mm	1900	1900
	Weight	3780 kg	4100 kg	4500	4500
Performance data					
Main pump hydraulic fluid pressure	300 bar	350 bar	350 bar	350 bar	350 bar
Maximum concrete pressure - rod side	57 bar	71 bar	71 bar	116 bar	116 bar
Maximum concrete pressure - full side	84 bar	106 bar	106 bar	172 bar	172 bar
Maximum output rate - rod side	45 m ³ /h	65 m ³ /h	65 m ³ /h	50	50
Maximum output rate - full side	31 m ³ /h	45 m ³ /h	45 m ³ /h	34	34
Maximum theoretical strokes/min under no load - rod side	17 1/mi n	24 1/mi n	25 1/min	19 1/mm	19 1/mm
Maximum theoretical strokes/min under no load - full side	12 1/mi n	17 1/mi n	17 1/min	13 1/mm	13 1/mm
Maximum grain size	40 mm	40 mm	40	40 mm	40 mm
Control voltage	12 V	24 V	24 V	24 V	24 V
Settings					
Cut-out hydraulic fluid temperature	90 °C	90 °C	90 °C	90 °C	90 °C
Capacities					
Hydraulic fluid reservoir	170 liters	170 liters	170 liters	170 liters	170 liters
Fuel tank	130 liters	130 liters	130 liters	130 liters	130 liters