



LEGEND:

1. Elektronic programmer
2. Door handle
3. Name plate
4. Main switch
5. Power supply
6. Cold soft water inlet
7. Cold hard water inlet
8. Warm water inlet
9. Steam inlet
10. Drain outlet
11. Soap hopper
12. Plugs of holes for external dosing hoses
13. Bushing of external dosing pumps
14. Ventilation
15. External protective clamp
16. El. switchboard cover

The machine will be firmly fixed to the floor and have to reliably rest on all footings of the machine. Horizontal concrete floor have to conform to static and dynamic load.

The nuts of the anchoring bolts have to be tightened by means of a torque-limiting range 210 Nm – after full hardening of concrete.

Note:

Anchoring bolts are not part of delivery of machine.

WATER CONNECTING:

The washer is equipped with 1" valves for watering of cold (soft and hard) and warm water. The all valves have to be connected for right function of washer. The filling valves (1") are part of machine. The pressure hoses with seal are part of delivery. Stop valves (1") have to be on supply line.

DRAIN CONNECTING

The washer is equipped with two drain pipes of 76mm (3") diameter, located in the machine rear wall, which have to be connected either to the waste sump or directly to sewer system. Cover the waste sump with a proper cover. The drain pipe have to be sized to drainage of water from all connecting machines together (33.5kg washer – 198 l/min, 40kg washer – 236 l/min, 51.8kg washer – 296 l/min).

TECHNICAL SPECIFICATION

Type:	FS 33	FS 40	FS 55
Capacity:			
load ratio 1:10	33.5 kg / 74 lbs	40 kg / 88 lbs	51.8 kg / 114 lb
Inner drum dimension:			
diameter	914mm/36"	914mm / 36"	914mm / 36"
depth	510mm/20"	610mm / 24"	790mm / 31.1"
Drum volume	335 dm ³ / 88 gal	400 dm ³ / 106 gal	518 dm ³ / 137 gal
Drum revolutions:			
wash	38 rpm	38 rpm	38 rpm
high extraction	830 rpm	830 rpm	830 rpm
G-factor:	max. 350	max. 350	max. 350
Machine dimensions:			
width	1195mm / 47"	1195mm / 47"	1195mm / 47"
depth	1330mm / 52.4"	1430mm / 56.3"	1610mm / 63.4"
height	1905mm / 75"	1905mm / 75"	1905mm / 75"
Weight			
netto	1230kg / 2712lb	1560kg / 3439lb	1630kg / 3594lb
brutto	1370kg / 3020lb	1700kg / 3748lb	1770kg / 3902lb
Machine electrical system:	3PEN~50Hz 400/230V / TN-C		
Rated motor power:	4 kW	7.5 kW	7.5 kW
Rated heating power input (E version):	24 kW	36 kW	54 kW
Rated input power of the machine	E: 28.1 kW S: 4.1 kW	E: 43.6 kW S: 7.6 kW	E: 61.6 kW S: 7.6 kW
Power supply protection:			
with electrical heating:	24kW/3AC 400V/50A	36kW/3AC 400V/80A	54kW/3AC 400V/100A
without heating:	3AC 400V/20A	3AC 400V/32A	3AC 400V/32A
Motor overloading protection:	frequency convertor protection		
Conductors section:	E: 4x10 mm ² Cu S: 4x2.5 mm ² Cu	E: 4x16 mm ² Cu S: 4x4 mm ² Cu	E: 4x25 mm ² Cu S: 4x4 mm ² Cu
Water connections:			
water pressure	0.2÷0.6 MPa / 39÷87 psi		
water connection	3x 1"		
drain connection	2x external diameter ø76 mm / 3"		
Version with steam heating (S):			
steam connection	3/4"		
steam pressure	0.3÷0.8 MPa / 45÷116 psi		
average steam consumption:	33kg/hour / 72.77lb/hour	40 kg/hour / 88.2lb/hour	50 kg/hour 110lb/hour
maximum steam consumption:	0.046kg/sec / 0.101lb/sec	0.055 kg/sec / 0.123lb/sec	0.076 kg/sec / 0.168lb/sec
Number of soaphoppers:	5	5	5
Connections to liquid detergents:	6	6	6
Max. static load (kg) (with textile and water)	14416 N	18162 N	19574 N
Max. dynamic load (kg) (intermittent vibrations)	±280kg / ±618lb	16083±2943 N	17064±3139 N
Frequency of dynamic load (Hz)	14 Hz	14 Hz	14 Hz
Mounting bolts:	4x M16x160		

	FS33	Date:	25.04.01	No.	01-131-2.1
	FS40	Author:	T.R.	Index/date	D/06.2008
	FS55	WASHER - EXTRACTOR			