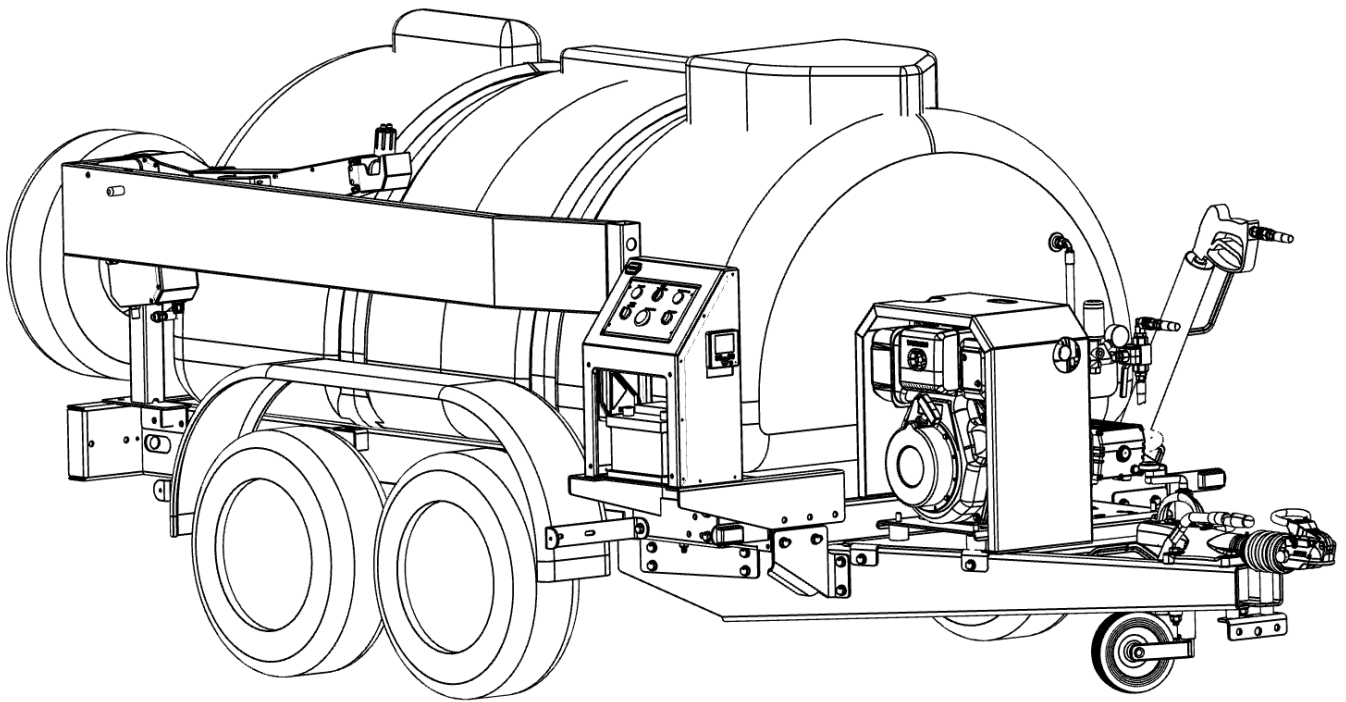




JETMISTER

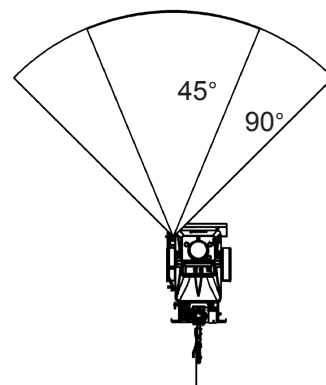
PARTS MANUAL



JetMister **JMRT35-D-2000** Road Tow Portable
Dust Suppression Machines

service@dustquip.co.uk

JMRT35-2000 BOWSER



The JetMister Bowser is a revolutionary dust-suppression bowser that will solve your construction and demolition site dust issues and pressure wash heavy plant.

The integrated unit can be deployed in minutes giving you immediate dust control. The tank can continue to operate as a reservoir with mains water connected.

Jet nozzle

Push button positioning or auto 45° and 90° swinging nozzle.

Tilting mast

Heavy-duty mast with 0-30° tilt positioning for reaching high areas.

Easy controls

Simple control operation to start/stop pump and move jet automatically from left to right. Emergency stop and warning signals.



Mobility

Road tow-able 2000 Litre water bowser to EU specification for easy transporting with water. Totally self-contained dust suppression unit.

Diesel power

Yanmar diesel engine with electric start and dry run protection.

Protection

Heavy-duty galvanised chassis frame will last you in harsh environments.



Quick scan
Operation video

SUPPRESSION BOWSER

When and where you need it

High pressure mist can be directed and particle size can be adjusted to suit all types of dust and wind direction.

Self-contained suppression and jet washer

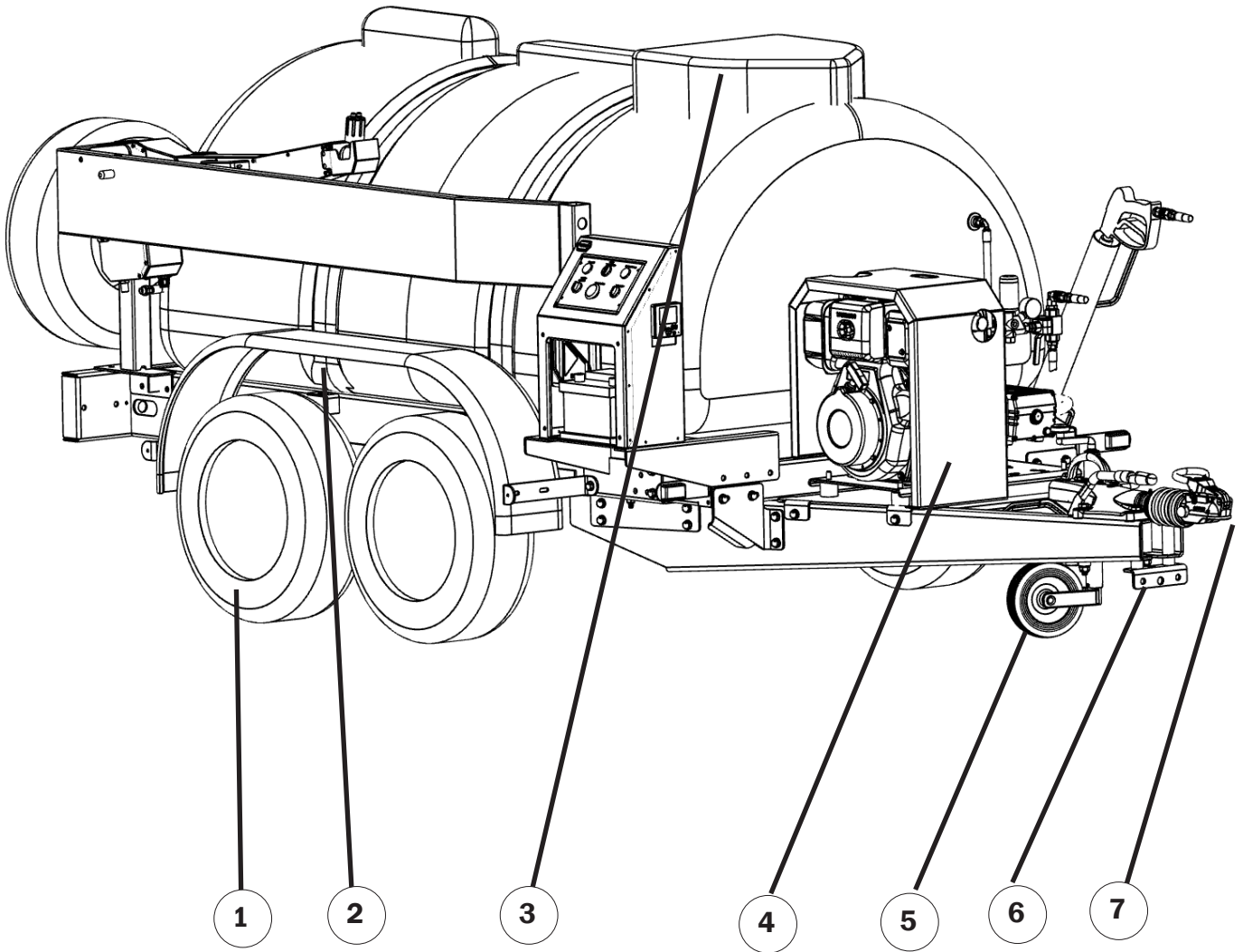
JetMister is easy to locate, position and operate quickly with its own power supply for pressurised misting. The auto swing nozzle means you can attack the dust in remote locations very economically. Its 1000L clean water tank capacity will provide constant dust suppression for up to 30-70 mins.



PRODUCT SPECIFICATIONS

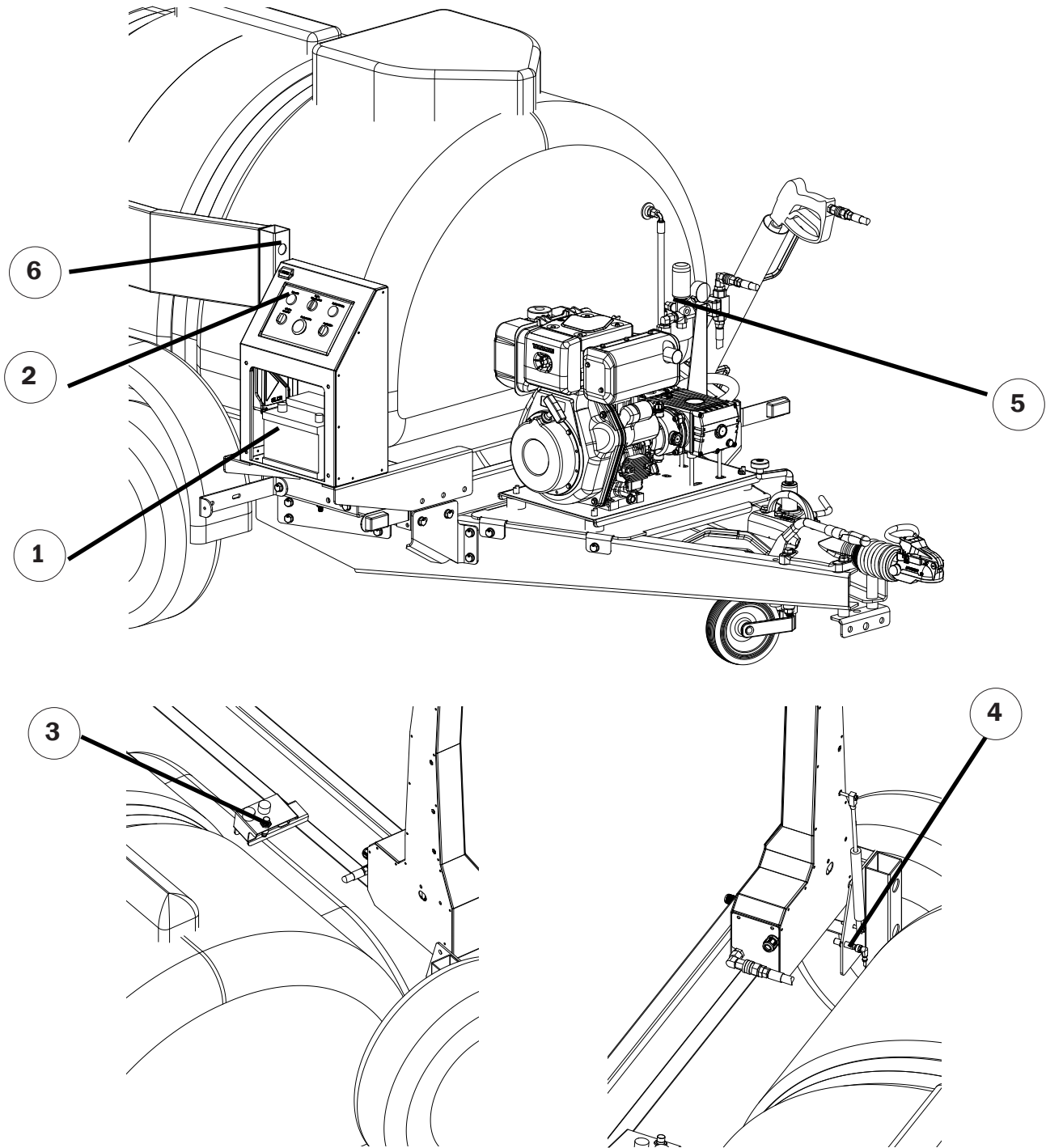
	 	
	JMRT35-D-2000	JMRT35-P-2000
Engine / Motor	Yamar L100	Vanguard 400 EFI
Fuel Type	Diesel (HVO)	Petrol
Fuel Tank Size - Ltr (USG)	5.4 (1.5)	5.9 (1.55)
Fuel Consumption Ltr/Hr (USG/Hr)	1 Ltr (0.25G)	2 Ltr (0.5G)
Emissions Standard	Stage V	Stage V
Power - Kw (HP)	6.8 (9)	10 (14)
Pressure - Bar (PSI)	60 (870)	60 (870)
Flow Rate - LPM (USGPM)	40 (10)	40 (10)
Number of Nozzles	1	1
Ave Mist water Droplet Size	200-250 µm	200-250 µm
Dimensions (LxWxH) - mm (inch)	3900 x 1850 x 1650 (154" x 73" x 65")	
Weight - Kg (Lbs) inc 2000 Ltr Water	48" x 34" x 48-86"	
Mist Distance (With Breeze) - M (Ft)	3000 (6600)	3000 (6600)
Horizontal Oscillation	15-35m / 50-115 ft	15-35m / 50-115 ft
Vertical Tilt	45° & 90°	45° & 90°
Generator Power Required - Kva	0° - 45°	0° - 45°
Standard Mist Hose Length - M (Ft)	60m (195 Ft) at 1m (3Ft) Nozzle space 120m (290 Ft) @ 2m (6Ft) Nozzle space	
Max Water Feed Pressure - Bar (PSI)	3 Bar (43)	
Warranty Period	12 Months	
Fork Lift Facility	Option for empty tank	
Water Quality	Drinking Water Quality	
Trailer Max Axle Capacity - Kg	3000 (6600)	3000 (6600)
Water Tank Capacity Ltr (USG)	2000 (520)	2000 (520)

GENERAL (Chassis)



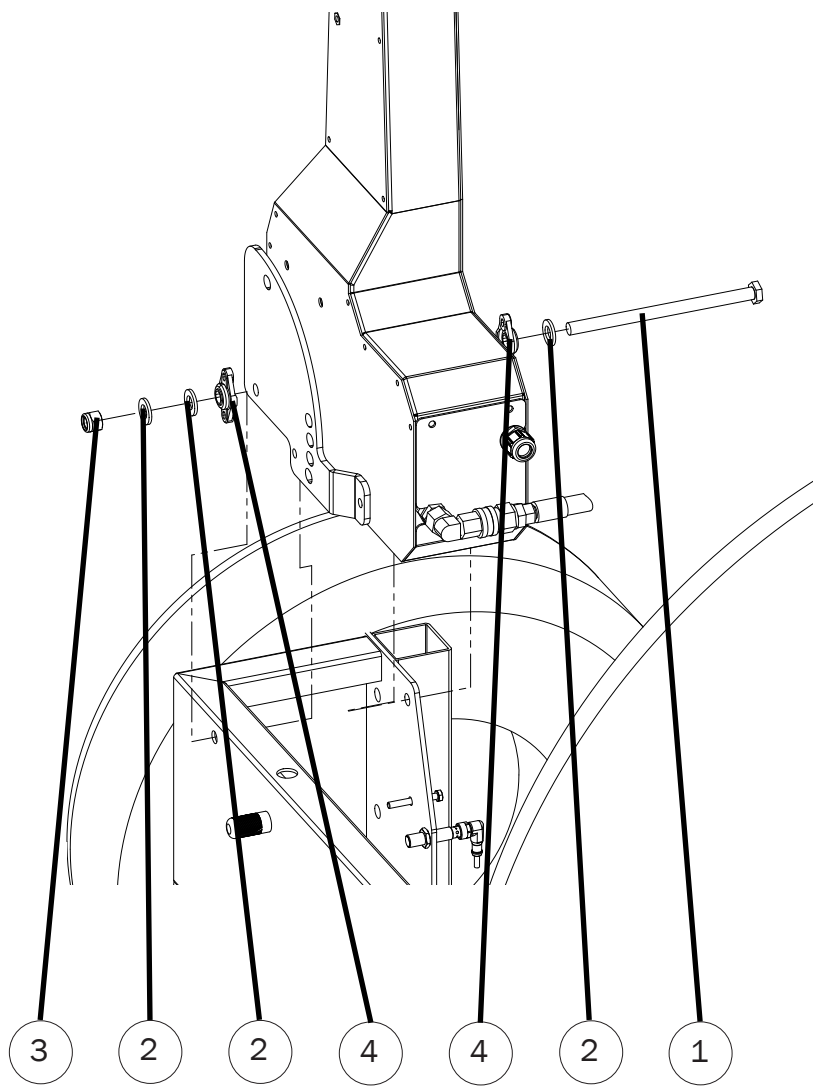
Number	Description	Part Number	Qty
1	Wheel & Tyre Assembly	RGC022	3
2	Mudguard (Pair)	RGC025	1
3	Tank Lid & Vent	T009	1
4	Engine Cover	JMRT-21	1
5	Jockey Wheel	RCG004	1
6	Breakaway Cable	RGC20	1
7	Knott Eye Coupling	RGC023	1

ELECTRICAL



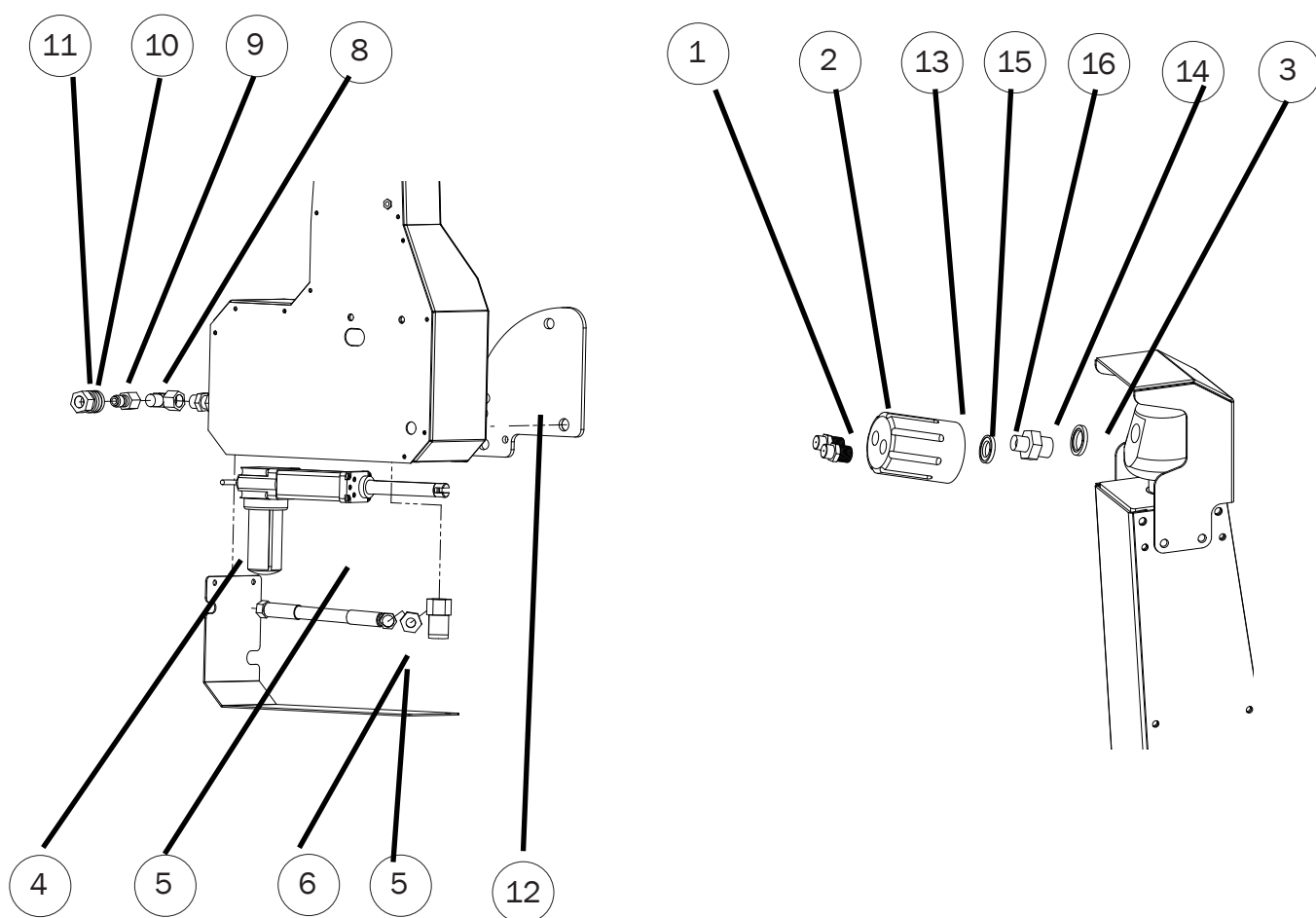
Number	Description	Part Number	Qty
1	12v Battery	EC020	1
2	Control Panel	EA002	1
3	Mast Safety Switch (Version 1)	EC032	1
4	Mast Safety Switch (Version 2)	EC019	1
5	Water Detector Switch	HF-FSWITCH-MV60	1
6	Hour Meter	EC030	1
7	Connecting Cable for item 4	EC018	1

MAST (MOUNTING)



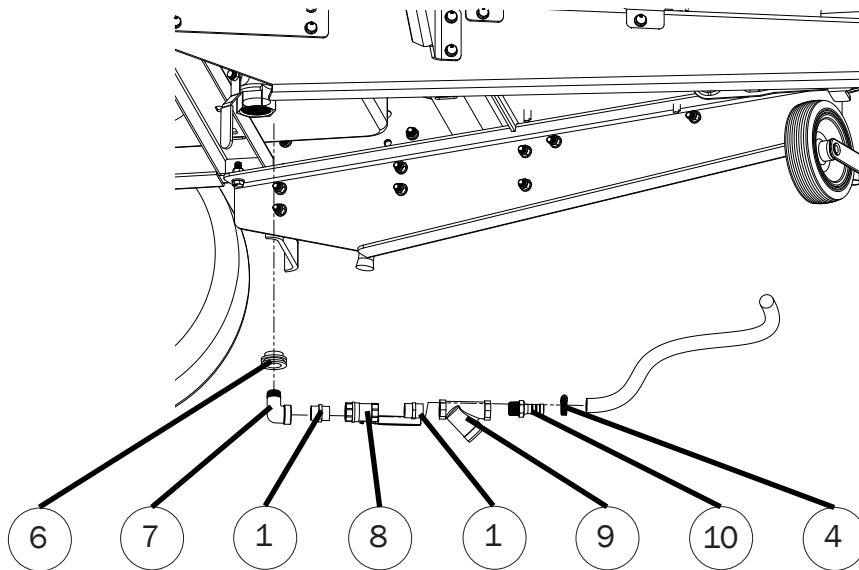
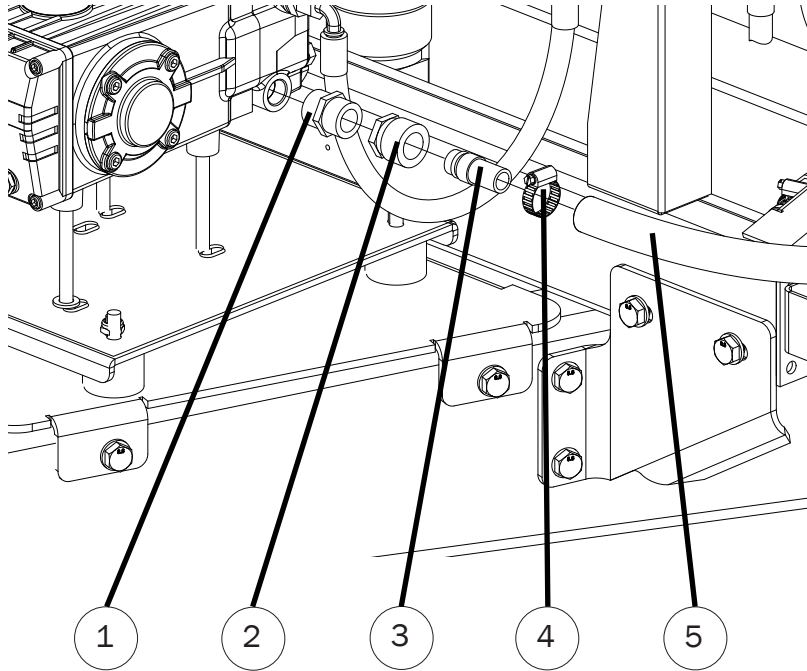
Number	Description	Part Number	Qty
1	Mast Pivot Bolt	FX-HBOLT-M12x200	1
2	Washer	FX-WASHER-C-M12	3
3	Locking Nut	FX-LNUT-M12	1
4	Mast Bearing	BR008	2

MAST (Main)



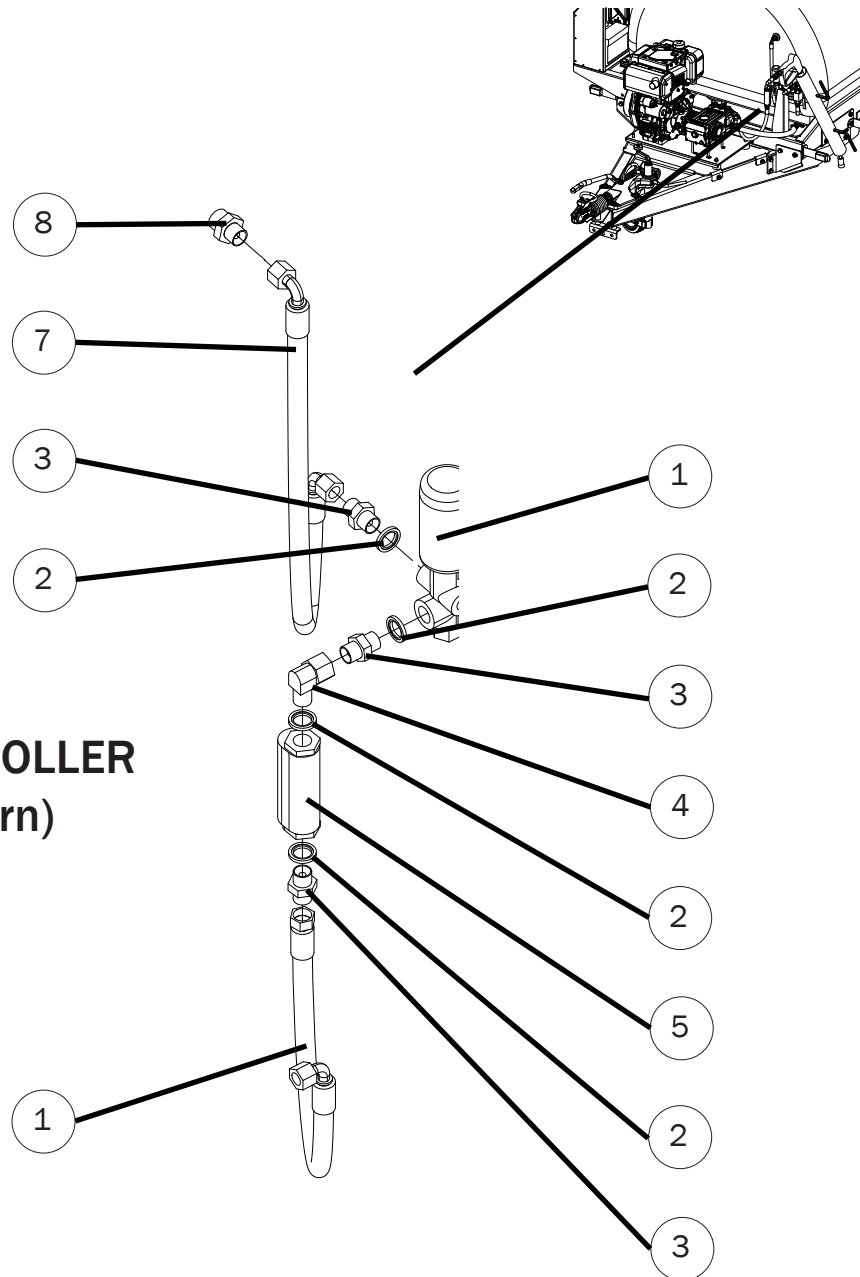
Number	Description	Part Number	Qty
1	Jet Nozzle (Low flow)	WG-NOZZLE-0015	1
2	Jet Nozzle (High flow)	WG-NOZZLE-0025	1
3	Nozzle Holder	JM-M-08	1
4	Actuator	EC012	1
5	Mast Hose	HA016	1
6	Adaptor	HF-ADAPTOR-1.2F-3.8M	1
7	Swivel	HF-SWIVEL-1.2F-1.2M	1
8	Coupling	HF-BHEAD-3.8Mx3.8M	1
9	Elbow	HF-ELBOW-3.8-MF-SWIVEL	1
10	QR Coupling (Male)	HF-QRC-M-MIDI-PROBE-3.8F	1
11	QR Coupling (Female)	HF-QRC-F-MIDI-COUPLER-3.8F	1
12	Locking Plate	JM-M-10	1
13	Nozzle Selector	HF-VALVE-2-WAY-NOZZLE	1
14	3.8 Seal	HF-DOWTY-3.8	1
15	1.4 Seal	HF-DOWTY-1.4	1
16	Nipple	HF-NIPPLE-1.4x3.8	1

INLET & PUMP



Number	Description	Part Number	Qty
1	Nipple	PW-NIPPLE-HEX-3.4x3.4	3
2	Coupling (Female)	PW-QRC-NITO-COUPLER-3/4X3/4F	1
3	Coupling (Male)	PW-QRC-NITO-PROBE-3/4X3/4 HT	1
4	Hose Clip	PW-HOSE-CLIP-25-40	2
5	Feed Hose	H002	1
6	Flange Coupling	PW-FLANGE-3.4	1
7	M/F Elbow	PW-ELBOW-3/4	1
8	F/F Ball Valve	PW-VALVE-FF-3/4	1
9	Strainer	PW-YSTRAINER-3.4	1
10	Hose Tail	PW-BR-HT-3.4BARD-3.4M	1

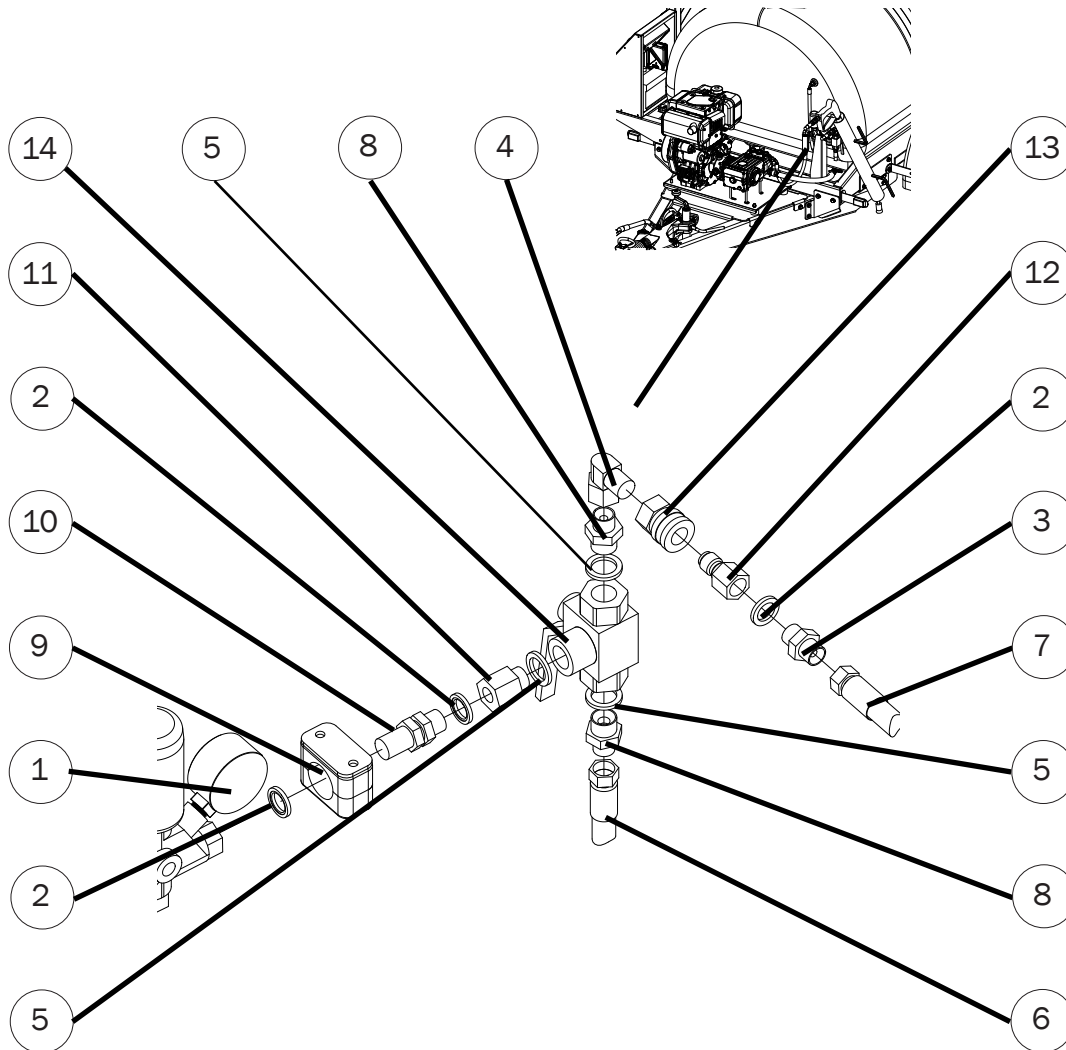
PRESSURE CONTROLLER (Feed & Tank Return)



PRESSURE CONTROLLER (Feed & Tank Return)

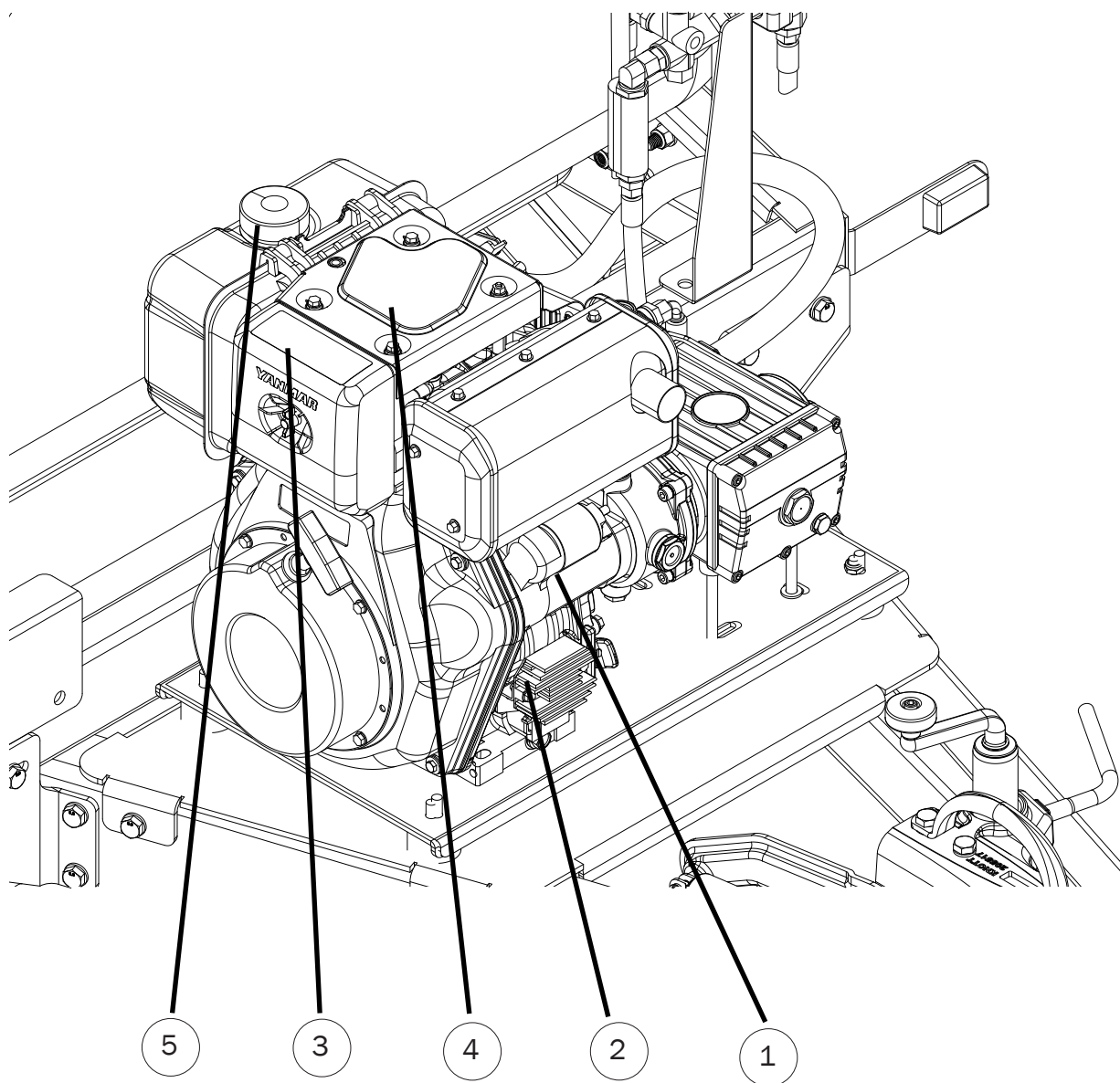
Number	Description	Part Number	Qty
1	Unloader Valve	HF-UNLOADER-VRT3	1
2	Seal	HF-DOWTY-3.8	4
3	Nipple	HF-NIPPLE-3.8	3
4	Elbow	HF-ELBOW-3.8-MF-SWIVEL	1
5	Flow Switch	HF-FSWITCH-MV60	1
6	Feed Hose	HA004	1
7	Return Hose	HA003	1
8	Reducing Nipple	HF-NIPPLE-3.8-1.2	1

PRESSURE CONTROLLER (Feed to Mast & Lance)



Number	Description	Part Number	Qty
1	Pressure Gauge	HF-GAUGE-250BAR	1
2	Seal	HF-DOWTY-3.8	4
3	Nipple	HF-NIPPLE-3.8	3
4	Elbow	HF-ELBOW-3.8-MF-SWIVEL	1
5	Seal	HF-DOWTY-1.2	2
6	Mast Feed Hose	HA023	1
7	Pressure Washer Feed Hose	HA007	1
8	Reducing Nipple	HF-NIPPLE-3.8-1.2	2
9	Support Clamp	IM058	1
10	Through Fitting	HF-BHEAD-3.8Mx3.8M	1
11	Adaptor	HF-ADAPTOR-3.8FX1/2M	1
12	QR Coupling (Male)	HF-QRC-M-MIDI-PROBE-3.8F	1
13	QR Coupling (Female)	HF-QRC-F-MIDI-COUPLER-3.8F	1
14	3 Way Valve	HF-VALVE-1/2" F-3WAY	1

ENGINE



Number	Description	Part Number	Qty
1	Starter Motor	MPC010	1
2	Voltage Regulator	MPC011	1
3	Fuel Pump	MPC012	1
4	Fuel Injector	MPC013	1
5	Fuel Cap	MPC014	1
-	Service Kit (Includes all oils)	MPC009	1

FACTORY SERVICE

Maintenance Matters : Downtime Deters

Part No: DFS-JMRT35-D-2000

Maintenance is key to running efficient and reliable equipment.

Take advantage of the DFS (Dustquip Factory Service) , so you can focus on the running of your business, while trusting us to expertly maintain your machines.

The **DFS** is tailored to suit your machine and includes:



- Full test run & report
- Pressure wash clean
- Engine : Oil & filter change
- Gearbox: Oil check
- Pump: Oil check & top up
- Spray Mast: Lubrication service and spray jets checked

NOTES

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NOTES

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