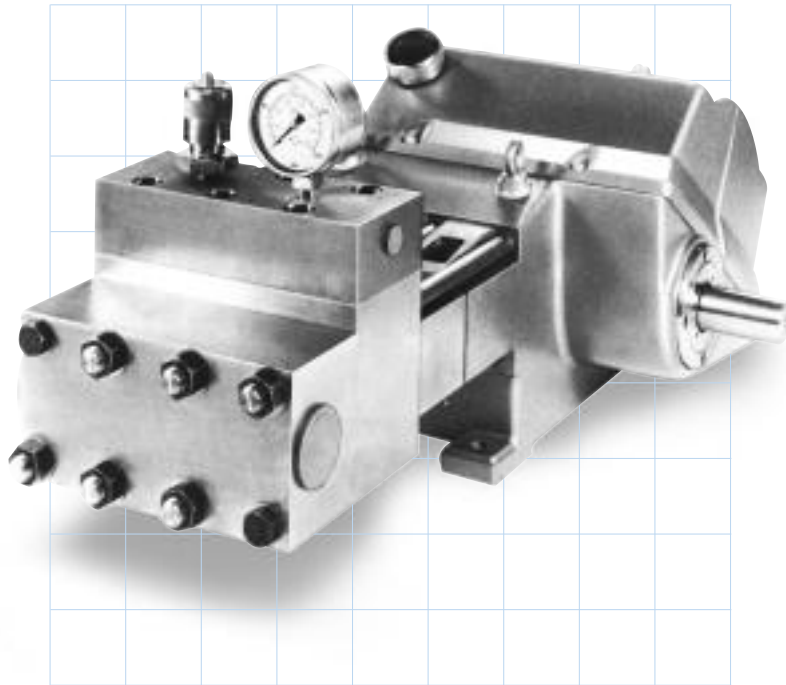


# AHF 215

-one of the hydroforce range



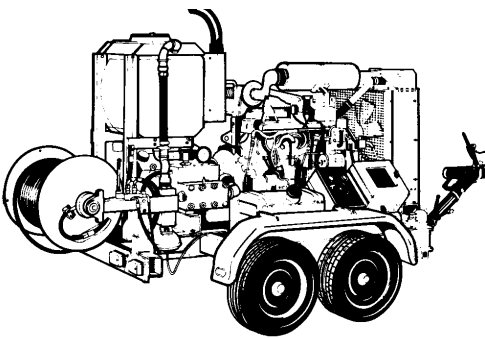
The AHF 215 is a smooth action triplex positive displacement plunger pump designed to give constant flows at powers up to 110kW, with operating pressures from 150 to 1000 bar. A wide variation in pressures and volumes can be achieved through a simple fluid end change.

periodic checks and oil changes. Servicing is carried out without the need for special tools, reducing downtime to a minimum.

spring loaded combination seal arrangement help to maximise seal life.

## Pump packages

Produced and packaged to suit individual user requirements, the pump can be driven by diesel engine, hydraulic or electric motor. They can be supplied for installation into new or existing plant, mounted on our standard skids, site trailers and road trailers, or in packages tailored to suit your needs.



## Designed to work harder

Careful design and precision engineering are prime factors in the production of this robust and reliable pump.

Maintenance is confined to routine

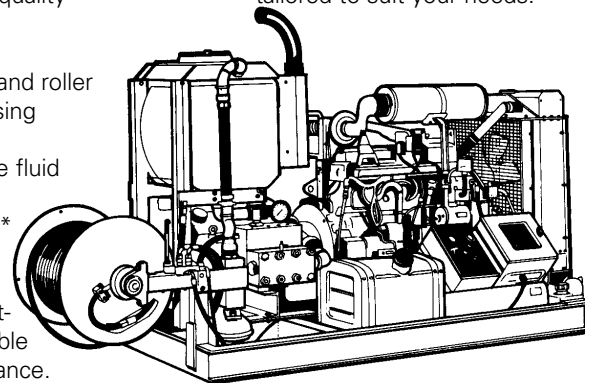
The compact design provides a highly favourable power-to-size ratio, and the lay shaft design allows driving of the pump, through either a pulley, flexible coupling or cardan shaft.

## Built to last longer

Featuring a rugged, high quality cast iron crankcase, with splash lubricated heavy duty alloy steel crankshaft, running in spherical and roller bearings which assist in minimising power losses.

As a standard feature, the fluid head is manufactured from stainless steel and the patented\* stainless steel valve and cartridge arrangements - common to both inlet end outlet - are combined in easily removeable assemblies for ease of maintenance.

Fusion coated stainless steel plungers operating in a



**AQUA**  
hydraulics

The power of water



FM 13454

# Technical Data

## AHF 215

### Main applications

- Drain and sewer cleaning
- Pipe and tube cleaning
- Pressure testing boilers, pipes and tanks
- High pressure water jet cleaning and descaling
- Water and water abrasive surface preparation
- Hydraulic systems

### Accessories

- Relief and unloader valves
- Pneumatically actuated valves
- Foot valves
- Jetting guns
- Sandblasting attachments
- Jetting hose
- Drain/jetting nozzles and bombs
- Accumulators

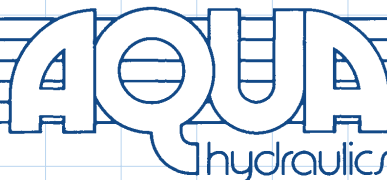
### Hydroforce AHF 215 Performance

PLUNGER DIA mm	MOTOR POWER (kW)					
	110 kW		90 kW		75 kW	
	Max	Act	Max	Act	Max	Act
	PRESSURE bar	FLOW L/min	PRESSURE bar	FLOW L/min	PRESSURE bar	FLOW L/min
21	1000	31.7	1000	31.7	1000	31.7
25	1000	46.6	1000	46.6	875	48.3
26	1000	50.7	1000	50.7	780	54.0
28	1000	60.0	800	63.5	650	66.4
32	785	81.0	600	85.2	475	88.0
35	640	99.4	490	103.5	395	106.1
38	525	120.0	410	123.7	330	126.2
40	465	135.2	365	138.8	295	141.2
45	360	174.6	285	178.0	230	180.4
48	315	200.8	245	204.4	200	206.7
50	285	219.3	225	222.7	185	224.9
53	250	248.8	200	252.0	160	254.4
55	230	270.0	185	273.0	150	275.4
57	215	291.8	170	295.1	140	297.2
60	190	326.8	150	329.6	125	331.6
65	160	387.1	125	390.4	100	392.7

- **Shaft diameter**  
50mm (Key 14 x 9 x 80)
- **Inlet port**  
2" BSP
- **Discharge ports**  
1/2"-1 1/4" BSP
- **Dimensions**  
L1040 W565 H420
- **Max fluid temperature**  
60°C (140°F)
- **Max inlet pressure**  
4.57 bar (66psi)
- **Pump weight**  
391kg

All performances are nominal and based on a pump crank shaft speed of 510 rpm.  
Flow indicated is maximum actual flow at zero pressure.

Flowplants' policy is one of continuous improvement and the right is reserved to revise specifications without prior notice.



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