



*For 80 years **Godiva Limited** has been providing the world's fire fighters with specialist equipments such as truck mounted and portable fire pumps utilising Class1 range of electronic instrumentation.*

***GODIVA** fire pumps are found to be in service in more than 100 countries with its extensive manufacturing facility in UK.*



**PRIMA P1*****Single Pressure | 1500 GPM | PTO Pump***

- Generates rated flows up to 1500 GPM from draft
- EN1028 rated performance to 6000 L/min at 10 BAR
- All maintenance can be performed without disturbing the gearbox and discharge plumbing
- For minimal maintenance the spring-loaded mechanical seal is self-adjusting and self-lubricating
- Polymer wear rings
- Impeller constructed of corrosion resistant anodized aluminum alloy.
- Supplied with a ready-to-use mounting platform for ease of installation
- Modular delivery manifold allows for installation flexibility
- Available in engine and opposite engine rotation
- Available in light alloy or bronze

**PRIMA P2*****Multi-Pressure | 1500 GPM | PTO Pump***

- Generates flows up to 1500 GPM from draft
- EN1028 rated performance to 6000 L/min at 10 BAR and 250 l/min at 40 BAR
- High pressure flows up to 203 GPM (770 L/min) with pressures up to 790 PSI (54.5 BAR)
- All maintenance can be performed without disturbing the gearbox and discharge plumbing
- For minimal maintenance the spring-loaded mechanical seal is self-adjusting and self-lubricating
- Polymer wear rings
- Low pressure impeller constructed of corrosion resistant anodized aluminum alloy
- High pressure impeller constructed of stainless steel
- Supplied with a ready-to-use mounting platform for ease of installation
- Modular delivery manifold allows for installation flexibility
- Available in engine and opposite engine rotation
- Available in light alloy or bronze



**GV5410*****Single Pressure | 1000 GPM | PTO Pump***

- Generates flows up to 1000 GPM (3785 L/min) from draft
- Maximum flow rated at 1530 GPM (5800 L/min) and maximum pressure discharge of 319 PSI (22 BAR)
- Automatic water ring primer
- For minimal maintenance the spring-loaded mechanical seal is self-adjusting and self-lubricating
- Stainless steel shaft directly coupled to the pump drive flange
- Available in engine rotation
- Available in Aluminum or bronze

**GV6500*****Multi-Pressure | 1500 GPM | PTO Pump***

- Generates flows up to 1000 GPM (3785 L/min) from draft
- Maximum flow rated at 1530 GPM (5800 L/min) and maximum pressure discharge of 319 PSI (22 BAR)
- Automatic water ring primer
- For minimal maintenance the spring-loaded mechanical seal is self-adjusting and self-lubricating
- Stainless steel shaft directly coupled to the pump drive flange
- Available in engine rotation
- Available in Aluminum or bronze





**GV10000*****Single Pressure | 1500 GPM | PTO Pump***

- Generates flows up to 2000 GPM (8000 L/min) from draft
- Maximum flow rated at 2111 GPM (10000 L/min) and maximum pressure discharge of 348 PSI (24 BAR)
- Automatic water ring primer
- For minimal maintenance the spring-loaded mechanical seal is self-adjusting and self-lubricating
- Stainless steel shaft directly coupled to the pump drive flange
- Available in engine rotation
- Available in Aluminum or bronze

**KP1/KP2*****Single-Pressure | 500 GPM | PTO Pump***

- Generates flows up to 500 GPM from draft
- EN1028 rated performance to 1500 L/min at 10 BAR for single pressure and 250 L/min at 40 BAR for High pressure
- On average 20% smaller and 30% lighter than the competition
- 5 year maintenance intervals reduces downtime and maintenance costs
- Bench maintainable single piston primer has simple construction for low cost of ownership, with fewer parts
- All maintenance can be performed without disturbing the gearbox and discharge plumbing
- For minimal maintenance the spring-loaded mechanical seal is self-adjusting and self-lubricating
- Polymer wear rings
- Impeller constructed of corrosion resistant anodized aluminum alloy
- Available in engine and opposite engine rotation
- Available in light alloy or bronze



## RGA/LGA



### *Split Shaft Gearbox*

- Heavy-duty alternative to general purpose power takeoffs that are not built for high speed and high torque characteristics of fire truck and emergency vehicle applications
- Output Shaft Torque of 2300 lb. feet (3,118 Nm)
- Transfer of full engine horsepower to the auxiliary equipment
- Capable of handling 16,000 lb. feet of torque (21,693 Nm)
- Most reliable shifting transmission in the industry
- Chrome nickel steel precision spur gears eliminate any back lashing or shift alignment issues
- RGA provides rear auxiliary output
- LGA provides front auxiliary output

## MGA



### *Split Shaft Gearbox*

- Heavy-duty alternative to general purpose power takeoffs that are not built for high speed and high torque characteristics of fire truck and emergency vehicle applications
- Output Shaft Torque of 625 lb. feet (841 Nm)
- Available with front and rear auxiliary output shafts
- Transfer of full engine horsepower to the auxiliary equipment
- Capable of handling 16,000 lb. feet of torque (21,693 Nm)
- Most reliable shifting transmission in the industry
- Optional dual auxiliary output shafts for unsurpassed versatility.
- Chrome nickel steel precision spur gears eliminate any back lashing or shift alignment issues

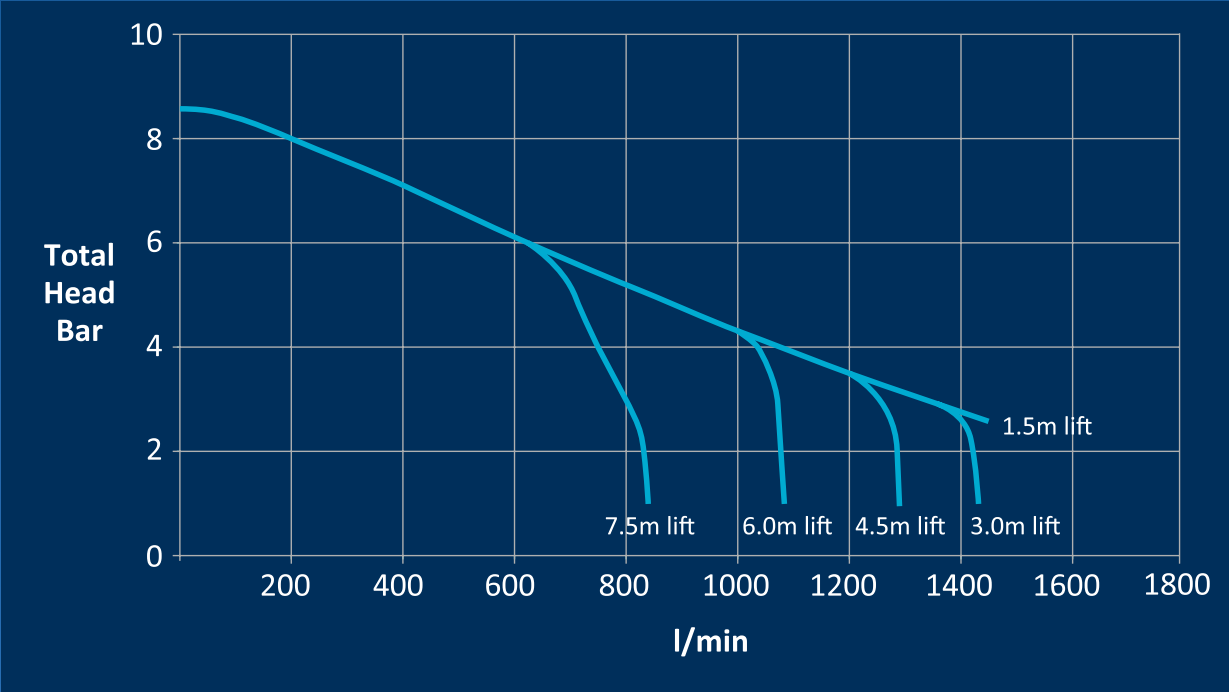
PRIMA

Performance Table	Single Discharge Model	Twin Discharge Model Exhaust gas priming only
Maximum Outlet Pressure	8.2 bar	
Maximum Flow	1400 litres/min at 3 bar	
Weight with Manual Start, dry. (Exhaust gas and hand priming versions)	62 Kg (approximate)	63.5 Kg (approximate) Exhaust gas priming only
Weight with Manual Start, wet. (Exhaust gas and hand priming versions)	70 Kg (approximate)	71.5 Kg (approximate) Exhaust gas priming only
Weight with Electric Start, dry. (Exhaust gas and hand priming versions)	70 Kg (approximate)	73 Kg (approximate) Exhaust gas priming only
Weight with Electric Start, wet. (Exhaust gas and hand priming versions)	78 Kg (approximate)	81 Kg (approximate) Exhaust gas priming only
Typical Dimensions (L x W x H)	555 x 490 x 584 mm	555 x 500 x 584 mm
Priming Times to 3 m	<30 sec (exhaust gas ejector priming)	
Maximum priming lift	Exhaust priming model -6m. Hand priming model -7.5m	
Oil Capacity	1.7 litres	
Fuel Capacity	8.5 litres (1½ hours running) unleaded fuel	
Dangerous goods identification category	Class 9 UN3166	

Basis of Data: Godiva Powerflow 8/5 light alloy pump with 4" suction; 1 x 2½" delivery valve, and 2 x 2½" delivery valve.

Power Flow

PowerFlow 8/5 Performance Curve



## PowerFlow 12/10

## PowerFlow 17/10



## Key Performance Features

PerformanceData	GP17/10	GP12/10
Maximum output at 10 bar	1700l/min	1200l/min
Rated output at 10 bar	1500l/min	1000l/min
FPN 10-1500 FPN 10-1000		
Maximum flow	2450l/min @3 bar	2150l/min @3 bar
Maximum pump discharge pressure	16.3 bar	14.7 bar
Maximum pump speed	6100 rpm	6100 rpm
Priming time to 7.5M with 100mm suction line	<30 seconds	<30 seconds
Dimensions – LxWxH	677mm x 525mm x 620mm	677mm x 525mm x 620mm
Coolant capacity	4 litres	4 litres
Oil capacity	3 litres	3 litres
Fuel tank capacity	18 litres, 63 mins running at rated performance	18 litres, 83 mins running at rated performance
Fuel type	Petrol 95 ron	Petrol 95 ron
Weight - dry	128 kg aluminium, 160 kg bronze	125 kg aluminium, 157 kg bronze
Weight - wet	148 kg aluminium, 180 kg bronze	145 kg aluminium, 177 kg bronze
Dangerous goods identification category	Class 9 UN3166	Class 9 UN3166
Engine	Weber MPE 850 NA, 2 cylinder, 4 stroke	Weber MPE 850 NA, 2 cylinder, 4 stroke
Engine capability	52kW (70 HP) @ 7500 min <sup>-1</sup> (rpm) ECE-R 85	40kW (54HP) @ 7500 min <sup>-1</sup> (rpm) ECE-R 85
Capacity	846cc	846cc

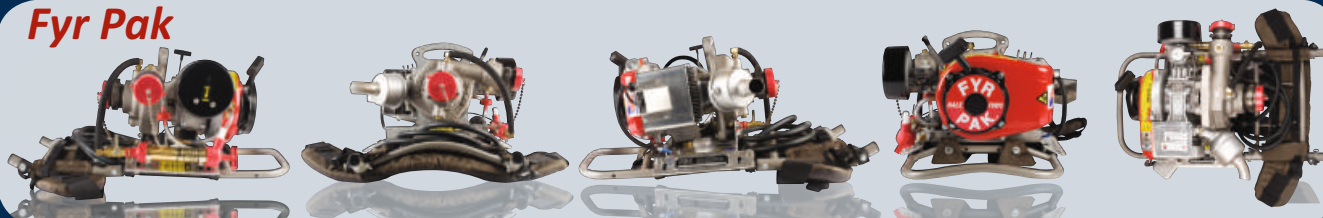
All weights and dimensions are based upon the standard build configuration and frame.  
 Variances may occur when options are fitted.



## Fyr Flote



## Fyr Pak



## Fyr Chief



Performance Data	20FP-C8 Fyr Flote	20FV-C8 Fyr Flote	20FP-C8P Fyr Pak	Super Chief
Rated Output	170 lpm @ 7 bar	300 lpm @ 5.2 bar	170 lpm @ 8.6 bar	450 lpm @ 2 bar
Maximum Flow	265 lpm	510 lpm	280 lpm	1610 lpm
Maximum Discharge Pressure	12.8 bar	9 bar	15 bar	3.4 bar
Maximum Pump Speed	8000 rpm	8000 rpm	8000 rpm	3600 rpm
Dimensions LxWxH	718 x 508 x 406	718 x 508 x 406	813 x 419 x 330	762 x 762 x 584
Cooling	Air Cooled	Air Cooled	Air Cooled	Air Cooled
Fuel Tank Capacity	Mounted 5.3 liter	Mounted 5.3 liter	Remote 19 liter	Mounted 2.8 liter
Fuel Type	Petrol	Petrol	Petrol	Petrol
Weight Dry	22 kg	22 kg	15.5 kg	54 kg
Weight Wet	27 kg	27 kg	N/A	58 kg
Engine	US820 2-Stroke	US820 2-Stroke	US820 2-Stroke	685 PowerBull 4-Stroke
Engine Capability	6 kW	6 kW	6 kW	7.8 kW
Capacity	134 cc	134 cc	134 cc	344 cc

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