



ENGINE DRIVE

DISTRIBUTOR CATALOGUE



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ENGINE DRIVE

BENEFITS - NOMENCLATURE

Onga offers a wide range of Engine Drive pumps to provide the best possible solution to a range of needs in areas inaccessible to power. Like Onga pumps, Honda, Briggs & Stratton (petrol engines) and Yanmar (diesel engine) have great reputations for performance and reliability.

Blazemaster Single stage

The Blazemaster single stage pumps are designed specifically to move more water, economically. They are an ideal all purpose, hardworking pump for a range of applications.

Blazemaster Twin stage

The Blazemaster twin stage pumps provide higher pressure, allowing you to fight fires from a safer distance.

Farmmaster pumps

Onga has also coupled engines to the legendary farmmaster pumps, while using shallow or deep well injectors these pumps can be adapted to almost any job, and deliver water where and when you need it. Often getting power to a site near a bore, creek, river or dam is difficult or even impossible.

Miniblaze

The Miniblaze single impeller pump is perfect in situations where there is isolation from electricity preventing electric powered pumps being used. The versatility of the Miniblaze is endless, from fighting ember attacks to use as a tool for the handyman, stock watering, ute pack and spray units, as well as evacuating water from work sites.

Hypro Transfer Pumps

The HTP750VR is a versatile, economic, water and chemical transfer pump powered by a reliable Honda 6.5 hp engine. The pump casing is manufactured from polypropylene with 2" suction and discharge ports providing high volume capacity.

The HTP1600V 3" Hypro self-priming polypropylene transfer pump handles large, high capacity, liquid transfer jobs with ease. Coupled to a 13hp Honda petrol engine, the HTP1600V is capable of delivering maximum flowrate of up to 1600 lpm. Use them for transferring water, liquid fertilizers and other chemicals compatible with pump materials.

TorrentMaster

The OTM1000 moves large volumes of water at lower pressures. It is coupled with a Honda 6.5HP engine, cast-iron, abrasion resistant impeller, built-in non-return valve, quick-fill priming port for easy priming and is ideal for water cartage.



MADE IN AUSTRALIA...

The Australian Made logo for the production of our Blazemaster wet-ends. Sourced and assembled in our Dandenong facility, you can expect quality and reliability.

The Engine Drive range is available in a wide range of petrol, diesel, recoil and electric start models.

POWERED by
HONDA



YANMAR

RANGE	NORMAL ENGINE SIZE	ENGINE MANUFACTURER	FEATURES
B - BLAZEMASTER	55 - 5.5HP	H - HONDA	E - ELECTRIC START
BM - BLAZEMASTER TWIN	65 - 6.5HP	BS - BRIGGS & STRATTON	R - ROLL FRAME
	90 - 9.0HP		
	10 - 10.0HP	Y - YANMAR	
	48 - 4.8HP		
	70 - 7.0HP		



BLAZEMASTER SINGLE

B55H, B65H, B55BS & B65BS

B55H & B65H



B55BS & B65BS



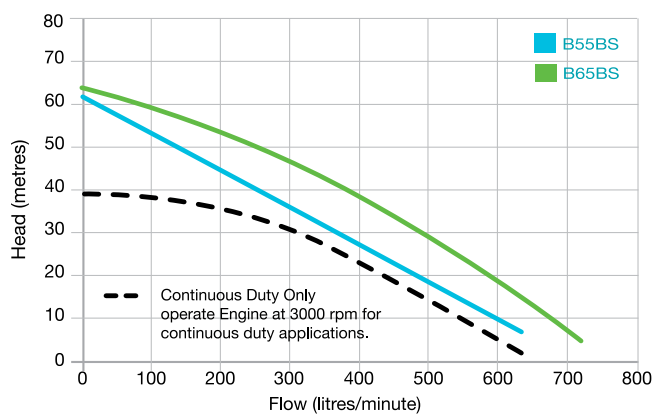
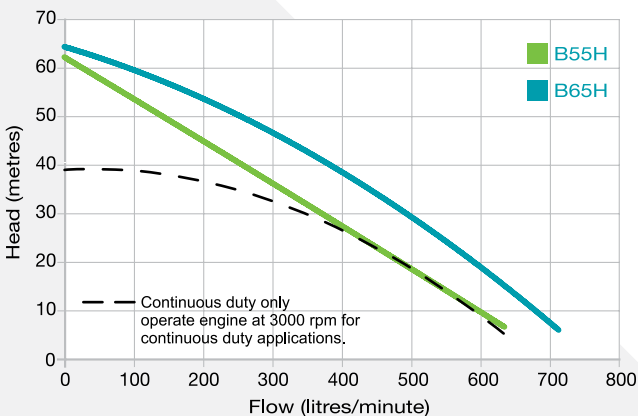
- The Blazemaster single-stage pumps are designed to move more water, more economically
- Large pump casing with raised suction port and inbuilt non-return valve for better priming capabilities
- Honda GX Series engines have long been recognised as the industry leader in providing reliable, easy-starting and fuel efficient small engines
- Briggs and Stratton Intek™ I/C race-bred series engine for reliability, durability and performance
- ‘Run sense’ low oil protection to protect the engine from low oil failures and engine damage



FEATURES	BENEFITS
Large pump body with raised suction port	Better priming capability
Large diameter impeller	Higher discharge head
CFD (Computational Fluid Dynamics) designed hydraulic components	Higher performance and efficiency
FEA (Finite Element Analysis) designed pump components	Higher strength with low weight
Inbuilt non-return valve	Assists priming performance
Easy access to non-return valve	Quicker installation and service
Large diameter priming ports	Fast and easy priming set-up
Large raised handle / or roll frame	Better ergonomics
Cast aluminium construction	Strength, durability and lightweight portability

APPLICATIONS

Firefighting, tank filling, water transfer, boom spraying and irrigation.



BLAZEMASTER TWIN

BM55H, BM65H, BM55BS, BM65BS & BM10BS

BM55H & BM65H



POWERED by
HONDA

BM55BS, BM65BS & BM10BS



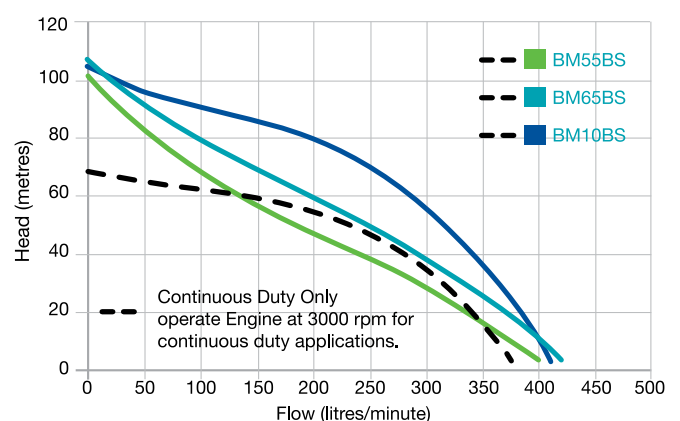
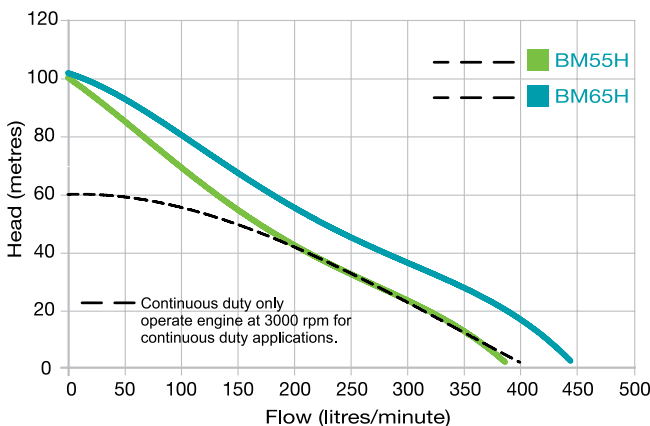
- The Blazemaster twin series are dual-impeller pumps designed to give you higher pressure from a safer distance
- Cast aluminium construction means strength, durability and lightweight portability
- Larger diameter impellers delivering higher discharge head
- CFD designed hydraulic components means higher performance and efficiency
- Honda GX Series engines have long been recognized as the industry leader in providing reliable, easy-starting and fuel efficient small engines
- Briggs and Stratton Intek™ I/C race-bred series engine for reliability, durability and performance



FEATURES	BENEFITS
Large pump body with raised suction port	Better priming capability
Twin impellers	Higher discharge head
CFD designed hydraulic components	Higher performance and efficiency
FEA* designed pump components	Higher strength with low weight
Inbuilt non-return valve	Assists priming performance
Easy access to non-return valve	Quicker installation and service
Large diameter priming ports	Fast and easy priming set-up
Large raised handle	Better ergonomics
Cast aluminium construction	Strength, durability and lightweight portability

APPLICATIONS

Firefighting, tank filling, water transfer, boom spraying, irrigation.



TECHNICAL ENGINE DRIVE

BLAZEMASTER

MATERIALS OF CONSTRUCTION

COMPONENT	MODEL
	BLAZEMASTER SERIES
PUMP CASING	POWDER COATED ALUMINIUM
IMPELLER (S)	30% GLASS FILLED NYLON
DIFFUSER	ALUMINIUM
MOTOR SHAFT	MILD STEEL
O-RING	NITRILE
MECHANICAL SEAL	CARBON / CERAMIC
NUTS & TAILS	POLYPROPYLENE

TECHNICAL DATA - BLAZEMASTER SINGLE STAGE

MODEL	HP NOMINAL	ENGINE MODEL	SUCTION	DISCHARGE	OPTIONS
HONDA					
B55H	5.5	GX160	1.5"	1", 1", 1.5"	B - R
B65H	6.5	GX200	2.0"	1", 1", 2"	ES - R
BRIGGS & STRATTON					
B55BS	5	INTEK 163CC	1.5"	1", 1", 1.5"	RF
B65BS	6	130G 208CC	2"	1", 1", 2"	ES
YANMAR					
B48Y	4.8	L48AE	1.5"	1", 1", 1.5"	ES
B70YE	7	L70AE	2.0"	1", 1", 2"	R
B10YE	10	L100AE	2.0"	1", 1", 2"	R

TECHNICAL DATA - BLAZEMASTER TWIN STAGE

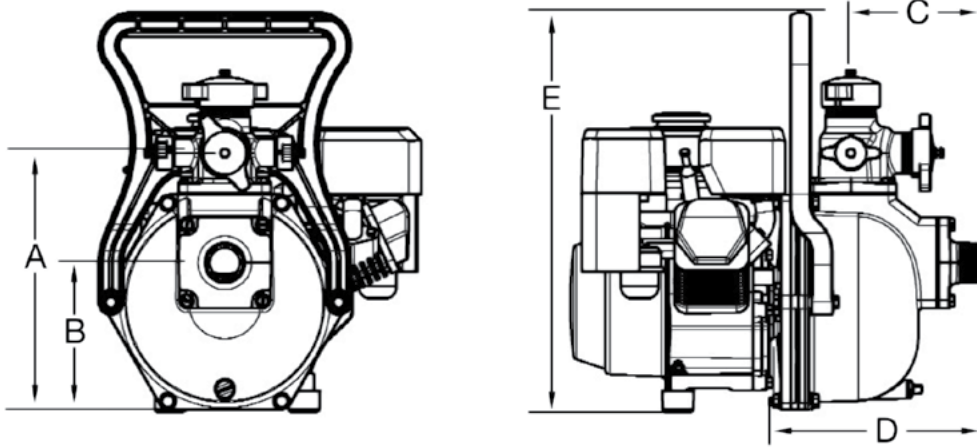
MODEL	HP NOMINAL	ENGINE MODEL	SUCTION	DISCHARGE	OPTIONS
HONDA					
BM55H	5.5	GX160	1.5"	1", 1", 1.5"	R
BM65H	6.5	GX200	2.0"	1", 1", 2"	ES - R
BM90H	9	GX270	2.0"	1", 1", 2"	ES
BRIGGS & STRATTON					
BM55BS	5	INTEK 163CC	1.5"	1", 1", 1.5"	RF
BM65BS	6	130G 208CC	2"	1", 1", 2"	ES - R
BM10BSE	10	305CC VANGUARD ELECTRIC START	2"	1", 1", 2"	-
YANMAR					
BM70YE	7	L70AE	2.0"	1", 1", 2"	R
BM10YE	10	L100AE	2.0"	1", 1", 2"	R

*OPTIONAL EXTRAS: **ES** - Electric start **R** - Roll frame

TECHNICAL ENGINE DRIVE

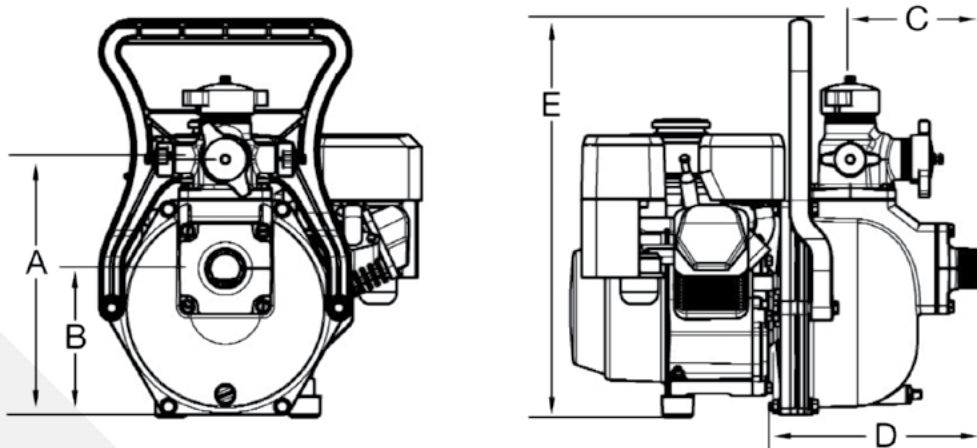
DIMENSIONAL DRAWINGS

BLAZEMASTER SINGLE IMPELLER



MODEL	ENGINE MAKE	ENGINE HP	A	B	C	D	E	PUMP WEIGHT (KG)
B55H	HONDA GX160	5.5 HP	312	178	166	253	480	22.2
B65H	HONDA GX200	6.5 HP	312	178	166	253	480	23.2
B48Y	YANMAR L48AE	4.8 HP	320	185	166	271	180	31.2
B70YE	YANMAR L70AE	7.0 HP E/S	327	193	166	271	495	45.2
B10YE	YANMAR L100AE	10.0 HP E/S	337	203	166	271	505	60.2

BLAZEMASTER TWIN IMPELLER



MODEL	ENGINE MAKE	ENGINE HP	A	B	C	D	E	PUMP WEIGHT (KG)
BM55H	HONDA GX160	5.5 HP	312	178	166	253	480	22.2
BM65H	HONDA GX200	6.5 HP	312	178	166	253	480	23.9
BM90H	HONDA GX270	9.0 HP	316	182	166	271	484	33.1
BM70YE	YANMAR L70AE	7.0 HP E/S	327	193	166	271	495	46.1
BM10YE	YANMAR L100AE	10.0 HP E/S	337	203	166	271	505	61.1

Note: Unless otherwise specified, all dimension in mm.