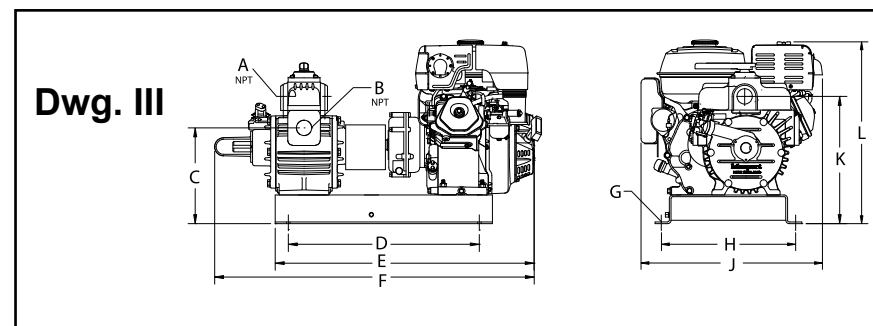
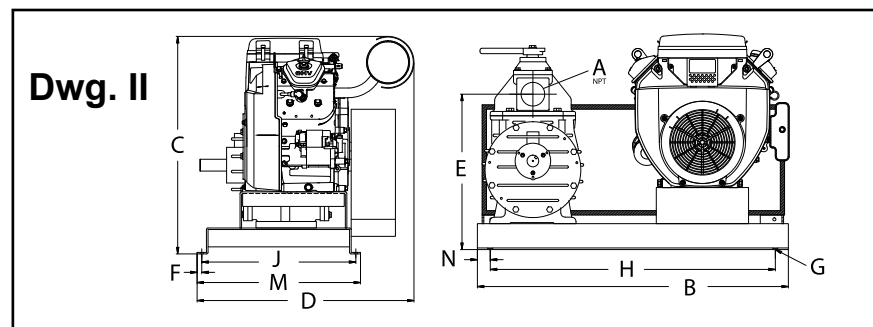
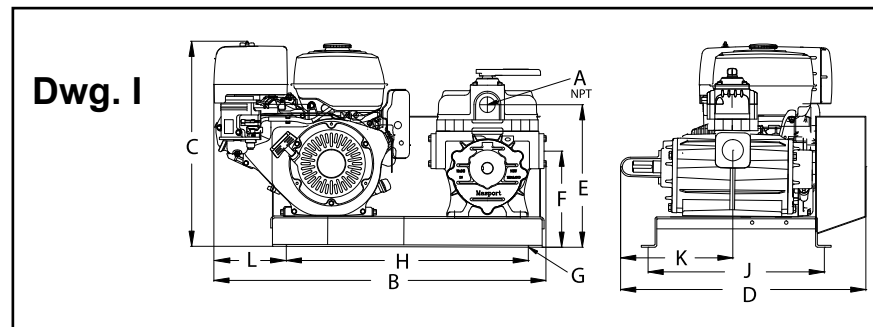
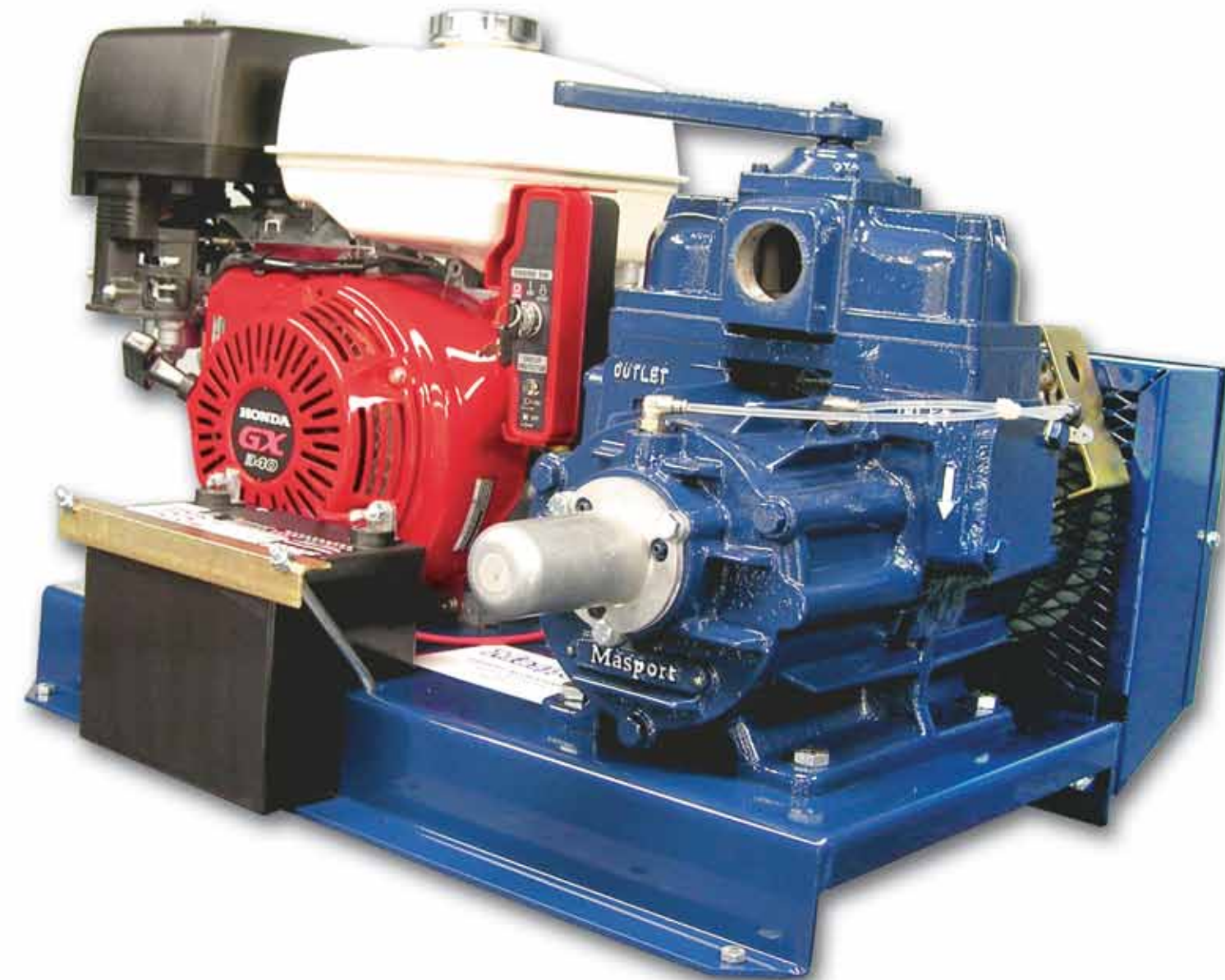


### DIMENSIONAL DATA

Dwg.	Sys.	A	B	C	D	E	F	G	H	J	K	L	M
I	12609	1 1/2"	32 15/16"	20 3/8"	24 3/8"	14 1/8"	9 9/16"	3/8"	24 1/16"	17 1/2"	11 3/16"	7 1/8"	----
	12611	1 1/2"	32 15/16"	20 3/8"	24 3/8"	14 1/8"	9 9/16"	3/8"	24 1/16"	17 1/2"	11 3/16"	7 1/8"	----
	12616	1 1/2"	32 15/16"	20 3/8"	24 3/8"	14 1/8"	9 9/16"	3/8"	24 1/16"	17 1/2"	11 3/16"	7 1/8"	----
II	12185	2 1/2"	36"	25 3/16"	25 1/8"	18"	9/16"	3/8"	33"	17 13/16"	----	----	18 15/16"
	12187	2 1/2"	36"	25 3/16"	25 1/8"	18"	9/16"	3/8"	33"	17 13/16"	----	----	18 15/16"
	12158	3"	36"	25 3/16"	25 1/8"	18"	9/16"	3/8"	33"	17 13/16"	----	----	18 15/16"
III	12515	----	1"	8"	19 3/4"	25"	26 1/4"	3/8"	13 3/4"	17"	----	16 1/4"	----
	12517	1"	1"	8"	19 3/4"	25"	26 1/4"	3/8"	13 3/4"	17"	11"	16 1/4"	----
	12548	----	1 1/2"	10 1/4"	19 3/4"	27 1/4"	31 1/2"	3/8"	13 3/4"	20"	12 23/32"	19 1/2"	----
	12626	1 1/2"	----	10 1/4"	19 3/4"	27 1/4"	31 1/2"	3/8"	13 3/4"	20"	13 3/4"	19 1/2"	----
	12629	----	1 1/2"	27 1/8"	19 5/8"	27 1/8"	35 3/4"	3/8"	13 3/4"	20"	----	19 1/2"	----
	12628	1 1/2"	----	27 1/8"	19 5/8"	27 1/8"	35 3/4"	3/8"	13 3/4"	20"	13 3/4"	19 1/2"	----

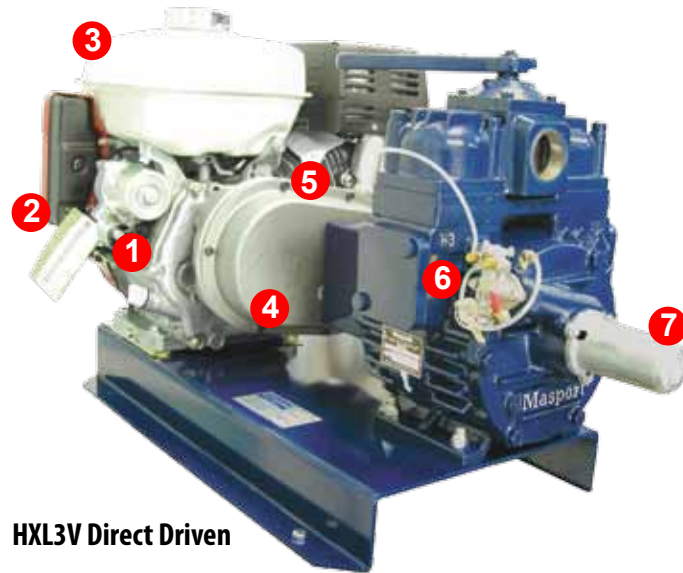


Honda Engines ranging from 5.5 HP to 24 H





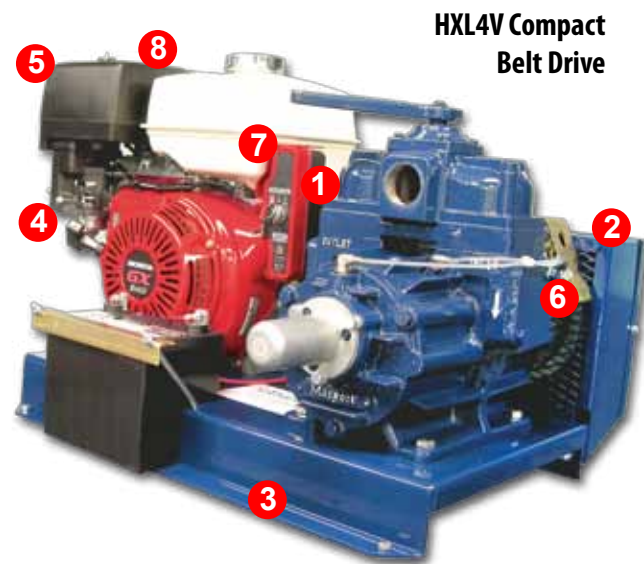
# Direct Driven Systems



HXL3V Direct Driven

- 1. Starter:** This 12V electric starter is gear reduced to increase torque for heavier load capability.
- 2. Electric Key Start:** The control box features an automotive-type key switch and a circuit breaker.
- 3. Integral Fuel Tank:** The fuel tank has a large automotive-type gas cap for easy removal and installation.
- 4. Gearbox:** The 2:1 gear reduction increases the torque of the engine at PTO by 2 times.
- 5. Centrifugal Clutch:** This standard feature on all direct driven Masport systems allows for no-load starting and the engine to idle without having the vacuum and water pump in operation.
- 6. Mechanical Oil Pump:** Delivers the right amount of oil at all working levels.
- 7. Double End Shaft:** This feature allows operator to run auxiliary equipment.

# Belt Driven Systems



HXL4V Compact Belt Drive

- 1. Electric Start:** The control box features an automotive-type key switch and a circuit breaker.
- 2. Belt Guard:** Fully enclosed for safety.
- 3. Base:** Heavy gauge steel construction for added stability and durability.
- 4. Manual Back-up Start:** The recoil starter is a heavy-duty design to provide long life and reliable back-up.
- 5. Air Cleaner:** The multi-featured cyclone air cleaner uses a series of filters that extend its service life by at least twice.
- 6. Mechanical Oil Pump:** Provides the correct lubrication at all levels of operation.
- 7. Reset Button For Automatic Low Oil Shutdown:** Oil alert shuts the engine OFF automatically before engine damage can occur due to low oil levels.
- 8. Muffler With Built-In Spark Arrestor:** Large muffler for quiet operation.

## Technical Overview

### Air Cooled Direct Drive

SYSTEM NUMBER	12515	12548	12626	12629	12628
Pump Model	H1F	HXL2F	HXL2V	HXL3F	HXL3V
Pump RPM	1750	1750	1750	1750	1750
Pump Max C.F.M. @ 0"Hg	36	76	76	106	106
Lubrication (P/V - XL)	P/V	XL	XL	XL	XL
Recommended Tank Size	100/ 600	500/ 1300	500/ 1300	800/ 1800	800/ 1800
Vacuum	Continuous Intermittent	20 27	20 27	20 27	20 27
Pressure	Continuous Intermittent	10 15	10 15	10 15	10 15
Oil Reservoir (integral / remote)	Int.	remote	remote	remote	remote
<b>ENGINE FEATURES</b>					
Engine Horsepower	5.5	9.0	9.0	9.0	9.0
Clutch (yes / no)	yes	yes	yes	yes	yes
Battery Included (yes / no)	no	no	no	no	no



HXL75 Belt Drive

All systems are electric start.  
Manual start models are available by request.



Protect your pump with quality Masport components.  
Ask for a Masport Recommended Component Selection Guide.

## Technical Overview

### Air Cooled Belt Drive

SYSTEM NUMBER	12609	12611	12616	12185	12187	12158
Pump Model	HXL4F	HXL4V	HXL4V	HXL 75V	HXL 75V	HXL15V
Pump RPM	1250	1250	1250	1250	1250	1200
Pump Max C.F.M. @ 0"Hg	165	165	165	230	230	350
Lubrication (P/V - XL)	XL	XL	XL	XL	XL	XL
Recommended Tank Size	1000/ 2200	1000/ 2200	1000/ 2200	1800/ 3800	1800/ 3800	2200/ 4500
Vacuum	Continuous Intermittent	20 27	20 27	20 27	20 27	20 27
Pressure	Continuous Intermittent	5 7	5 7	15 17	10 15	15 20
Oil Reservoir (integral / remote)	remote	remote	remote	remote	remote	remote
<b>ENGINE FEATURES</b>						
Engine Horsepower	9.0	9.0	11.0	-	-	-
Clutch (yes / no)	no	no	no	no	no	no
Battery Included (yes/no)	yes	yes	yes	no	no	no

**Note: Models 12185, 12187, and 12158 no longer have an engine due to EPA regulations, a Honda GX690 must be purchased separately.**

## The Honda OHV Gasoline Engine



**Overhead Valve Design:** The overhead valve design engines used on Masport systems consume approximately 30% less gas than comparable side valve engines.

**2:1 Gearbox with Built-in Clutch:** This standard feature on all direct driven Masport systems allows for no-load starting and the engine to idle without having the vacuum and water pump in operation.

**Low Oil Shutdown:** System engines feature an Oil Alert® system which automatically shuts off the engine before the oil level gets too low.

**Smooth & Quiet Operation:** The engine's inclined cylinder arrangement keeps vibration to a minimum, while operating quietly due to a superior muffler design. An accurate overdrive mechanical governor maintains proper R.P.M. demands change.

**Quality Construction:** All engines are designed for a long life. Each engine features a cast iron cylinder sleeve, ball bearing supported crankshaft, chrome top piston ring and replaceable valve guides to ensure an extended engine life.

**Easy Reliable Starting:** Each OHV engine is equipped with maintenance free electronic ignition and automatic cylinder decompression for easy and reliable starts.