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BISON MACHINERY

ENGINES / GENERATORS / WATER PUMPS
PRESSURE WASHERS



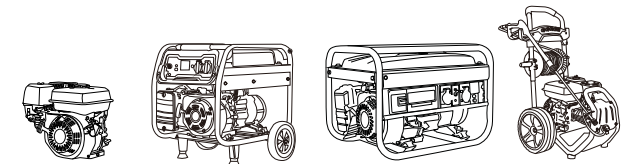
ABOUT US

TAIZHOU BISON MACHINERY CO., LTD.

is one of the Chinese leading manufacturers of High pressure washer, Generators, Water pumps, Engines etc.

BISON brand has won its reputation among the areas like South America, Europe, Africa, Southeast Asia, by supplying qualified products and professional after-sale service.

We are looking forward to establishing more win-win cooperation with customers all around the world.



MAKE A GENERATOR LIKE A WORK OF ART

WE ARE BISON MACHINERY. THIS IS OUR AIM AND OUR MISSION. WE ARE WORKING HARD

WHEN PEOPLE ARE ACCUSTOMED TO THE ROUGH PRODUCTION OF GENERATORS, WE INSIST THAT THE PRODUCT MEETS THE STANDARDS OF ART FROM THE INTERNAL STRUCTURE TO THE APPEARANCE.



ALL KINDS OF SOCKETS														
NO.	SHAPE	TYPE	COUNTY	NOTICC	NO.	SHAPE	TYPE	COUNTY	NOTICC	NO.	SHAPE	TYPE	COUNTY	NOTICC
1	10A 250V	A	CHINA NIGERA MIDDLE EAST	✓	2	10A 250V	U	AUSTRALIA	✓	3	15A 250V	J	JAPAN	✓
4	15A 125V	C	USA CANADA KOREA TALWAN	✓	5	20A 125V	C ₁	USA CANADA KOREA TALWAN	✓	6	30A 250V	C ₂	USA CANADA KOREA TALWAN	✓
7	20A 125V	C ₃	USA CANADA KOREA TALWAN	✓	8	20A 150V /250V	C ₄	USA CANADA KOREA TALWAN	DUAL VOLTAGE	9	30A 125V /250V	C ₅	USA CANADA KOREA TALWAN	DUAL VOLTAGE
10	16A 230V	G	EUROPE (EXCEPT U.K.)	✓	11	16A 230V	F	FRENCH BLEG.	✓	12	13A 230V	W ₁	SWISS	✓
13	16A 230V	W ₂	SWISS	✓	14	16A 230V	D	DANISH	✓	15	13A 250V	B	BRITISH	✓
16	16A 250V	SA	SOUTH AFRICA	✓	17	16A 250V	B ₁	BRITISH	DUAL VOLTAGE	18	16A 230V	B ₂	BRITISH	DUAL VOLTAGE

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GENERATOR

Features:

Powerful and durable OHV engine
Durable metal fuel tank provides enough run-time to get through a full day's work
Operates 10 hours @ 50% load
Reinforced and stronger frame

10" tire wheels for all-terrain mobility
Protected by low oil alert
Electronic Ignition and AVR included
Easy start, compact, fuel-efficient generator models provide smooth, clean power

Large Fuel Tank with Fuel Gauge



Durable Protective Frame



Powered by OHV Engine
Less noise
Longer service life
High fuel consumption efficiency



Well-suited Folding Handles High Quality Wheels



Industrial-designed Control Panel with 5 in 1 Digital Display



Magnetic Hydraulic Circuit Breaker



Powerful brush copper alternator with AVR



GASOLINE GENERATOR

EASY START, COMPACT, FUEL-EFFICIENT PROVIDE SMOOTH, CLEAN POWER;AC/DC OUTPUT & CABLES FOR 12V BATTERIES CHARGING.

0.5~3.0KW



GASOLINE GENERATOR	BS950	BS1800	BS2500	BS3000	BS3500
Rated Voltage(V)	110/220, 220/380, 230/400, 240/415				
Rated Current(A)	5.9/2.9	9.0/4.5	18/9.1	22.7/11/6.2	26/13/7
Max.Power(KW)	0.75	1.2	2.2	2.8	3.0
Rated Power COP(KW)	0.65	1	2.0	2.5	2.8
Phase	1	1	1/3	1/3	1/3
Rated Frequency(Hz)	50/60	50/60	50/60	50/60	50/60
Factor	1	1	1	1	1
Insulation grade	F	F	F	F	F
Model	1E45F	BS156F	BS168F	BS170F	BS170F
Type	Single Cylinder,Air-cooled,2-stroke		Single Cylinder,Air-cooled,4-stroke		
Displacement(cc)	63	93.5	163	196	210
Output power(HP)	2.0	2.6	5.5	6.5	7.0
Rated speed(RPM)	3000/3600				
Bore X stroke	45*38	56*38	68*45	68*54	70*56
Compression ratio	7.3	7.7	8.5	8.5	8.5
Starting system	Recoil/Electric Starting				
Fuel tank volume(L)	4	6	15	15	15
Mass weight(kg)	19	26	41.5	43	45
Size(LxWxH)(mm)	420*340*325	490*380*400	605*470*435	605*470*435	605*470*435
20FT	735	350	235	235	235
40HQ	1720	900	593	585	585

GASOLINE GENERATOR

EASY START, COMPACT, FUEL-EFFICIENT PROVIDE SMOOTH, CLEAN POWER;AC/DC OUTPUT & CABLES FOR 12V BATTERIES CHARGING.

3.0~6.5KW



GASOLINE GENERATOR	BS4500	BS5500	BS6500	BS7500
Rated voltage(V)	110/220, 220/380, 230/400, 240/415			
Rated current(A)	27.2/13.5/7.5	32/18.2/7	32/23/12.5	32/27/15
Max power(KW)	3.5	4.5	5.5	6.5
Rated power(KW)	3.0	4.0	5.0	6.0
Phase	1/3	1/3	1/3	1/3
Rated frequency(Hz)	50/60	50/60	50/60	50/60
Factor	1	1	1	1
Insulation grade	F	F	F	F
Model	BS177F	BS188F	BS188F	BS190F
Type	Single Cylinder, Air-cooled, 4-stroke			
Displacement(cc)	270	389	389	420
Output power(HP)	9.0	13.0	13.0	15.0
Rated speed(RPM)	3000/3600	3000/3600	3000/3600	3000/3600
Bore×stroke(mm)	77*58	88*64	88*64	90*66
Compression ratio	8.2	8.0	8.0	8.0
Starting system	Recoil/Electric Staring			
Fuel tank volume(L)	25	25	25	25
Mass weight(kg)	72	80	82	85
Size(L×W×H)(mm)	710*530*550	710*530*550	710*530*550	710*530*550
20FT	136	136	136	136
40HQ	292	292	292	292



DIESEL GENERATOR

OPEN TYPE

EASY TO OPERATE AND HIGH SAFTY,ELECTRIC START, POWERED BY 4-STROKE AIR-COOLED DIESEL ENGINE.IT HAS AVR TO AUTOMATICALLY REGULATE VOLTAGE,100% COPPER OF THE ALTERNATOR TO ENSURE POWERFUL OUTPUT.



BS2500DCE



BS6500DCE

DIESEL GENERATOR	BS2500DCE	BS3500DCE	B6500DCE	BS7500DCE	BS8500DCE	BS12000DCE
Rated frequency(Hz)	50/60	50/60	50/60	50/60	50/60	50/60
Rated voltage(V)	110/220, 220/380, 230/400, 240/415					
Max power(KW)	2.0	3.0	5.0	5.5	6.0	10
Rated power(KW)	1.8	2.8	4.5	5.0	6.5	9.0
Alternator	Copper	Copper	Copper	Copper	Copper	Copper
Factor	1	1	1	1	1	1
Phase	Single phase/Three phase					
Structure type	Open frame type					
Starting system	Key start	Key start	Key start	Key start	Key start	Key start
Fuel tank volume(L)	12.5	12.5	12.5	12.5	25	25
Model	BS170F(E)	BS178F(E)	BS186F(E)	BS188F(E)	BS192F(E)	BS292F(E)
Bore×stroke(mm)	70*55	78*62	86*70	88*75	92*75	92*75
Displacement(cc)	211	296	418	456	498	498
Compression ratio	20:1	20:1	19:1	19:1	19:1	21.5:1
Type	Single Cylinder,Air Cooled,4-stroke				Two Cylinder,Air Cooled,4-stroke	
Ignition system	Compression combustion					
Noise level(dB)	77	77	77	77	84	84
G.W.(kg)	58	74	95	100	105	170
Dimension(mm)	760*520*620	760*520*620	760*520*620	760*520*620	760*520*620	885*650*745



DIESEL GENERATOR

SILENT TYPE

EASY TO OPERATE AND HIGH SAFTY,ELECTRIC START,POWERED BY 4-STROKE AIR-COOLED DIESEL ENGINE.IT HAS AVR TO AUTOMATICALLY REGULATE VOLTAGEADOPT MORE EFFICIENT ,SILENCER AND SPONGE TO ENSURE MORE SILENT



BS6500DSE



BS6500DSE(A)



BS6500DSE(B)

DIESEL GENERATOR	BS3500DSE	BS5000DSE	B6500DSE	BS7500DSE	BS8500DSE	BS12000DSE
Rated frequency(Hz)	50/60	50/60	50/60	50/60	50/60	50/60
Rated voltage(V)	110/220/380	110/220/380	110/220/380	110/220/380	110/220/380	110/220/380
Max power(KW)	3.0	4.6	5.0	5.5	6.5	10
Rated power(KW)	2.8	4.2	4.5	5.0	6.0	9.0
Alternator	Copper	Copper	Copper	Copper	Copper	Copper
Factor	1	1	1	1	1	1
Phase	Single phase/Three phase					
Starting system	Electric start	Electric start	Electric start	Electric start	Electric start	Electric start
Fuel tank volume(L)	15	15	15	15	15	25
Model	BS178F(E)	BS186F(E)	BS186FA(E)	BS188F(E)	BS192F(E)	BS292F(E)
Bore×stroke(mm)	78*62	86*70	86*72	88*75	92*75	92*75
Displacement(cc)	296	406	418	456	498	498
Compression ratio	20:1	19:1	19:1	19:1	19:1	21.5:1
Type	Single Cylinder,Air Cooled,4-stroke					
Ignition system	Compression combustion					
Noise level(dB)	72	72	72	72	72	70
G.W.(kg)	142	152	155	158	163	280
Dimension(mm)	950*530*700	950*530*700	950*530*700	950*530*700	950*530*700	1180*720*1030



HIGH PRESSURE WASHER

Features:

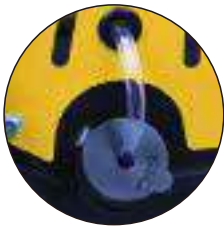
- Powerful and durable OHV engine
- Low oil shutdown system to protect engine
- professional high pressure hose with quick connect for fast
- Self suction function for your easy work



Appearance
patent design



Foam tank optional



Super-rugged frame



Strengthen security framework type
anti-shockdesign



Suitable for car cleaning ,
construction sites,
lumber mills,
kitchens, shipyards,
cleaning floors and so on.



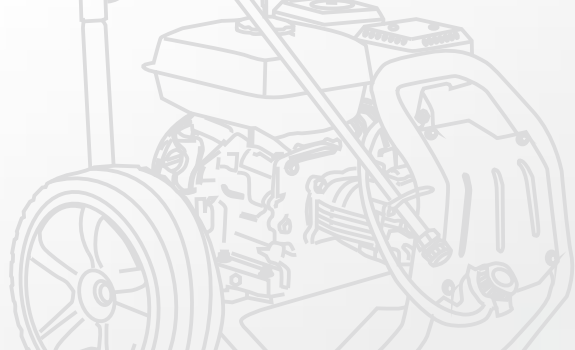
Maximum 25 meters reach



Self-priming patent
copper pump



12 inch All-Terrain Rubber
wheels



HIGH PRESSURE WASHER

GASOLINE

○ PROFESSIONAL HIGH PRESSURE NOZZLES. HIGH PRESSURE HOSE WITH QUICK CONNECT FOR FAST ASSEMBLY. SELF SUCTION FUNCTION FOR YOUR OPTION.



BS-130	
▼ ENGINE	
Power	3.0HP
Speed	3400RPM
▼ HIGH-PRESSURE PUMP	
Working pressure	80-100Bar
Flow	9LPM
Mass weight(kg)	26
Size(L×W×H)(mm)	485*385*380
20GP	385
40GP	900

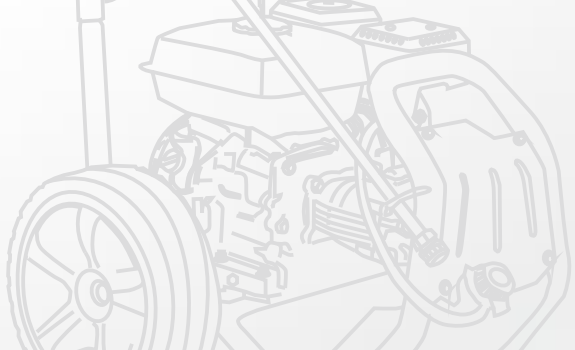


A
▲



B
▲

HIGH PRESSURE WASHER	BS-170A/B	BS-180A/B
Power	6.5HP	6.5HP
Speed	3400	3400
Working pressure	154-170Bar	164-180Bar
Flow	9LPM	9LPM
G.W.(kg)	30	32
Dimension(mm)	530*465*530/650*410*520	530*465*530/650*410*520
20FT(Set)	220/200	220/200
40HQ(Set)	550/525	550/525



HIGH PRESSURE WASHER

GASOLINE

○ PROFESSIONAL HIGH PRESSURE NOZZLES. HIGH PRESSURE HOSE WITH QUICK CONNECT FOR FAST ASSEMBLY. SELF SUCTION FUNCTION FOR YOUR OPTION.



C
▲

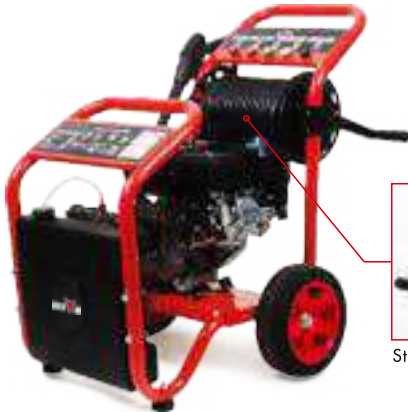


D
▲



NC
▲

HIGH PRESSURE WASHER	BS-170C/D/E/NB/NC	BS-180C/D/E/NB/NC
Power	6.5HP	6.5HP
Speed	3400	3400
Working pressure	154-170Bar	164-180Bar
Flow	9LPM	9LPM
Foaming bottle capacity	2L/2L/6L/6L/2L	2L/2L/6L/6L/2L
G.W.(kg)	30/30/38/38/31.5	38/32/40/39/33.5
Dimension(mm)	520*430*530/595*530*580/ 840*430*580/810*450*535/520*430*630	620*440*530/595*530*580/ 840*430*580/840*440*520/520*430*630
20GP(Set)	220/168/140/140/165	180/168/140/140
40HQ(Set)	575/344/280/350460	475/344/280/350



E
▲



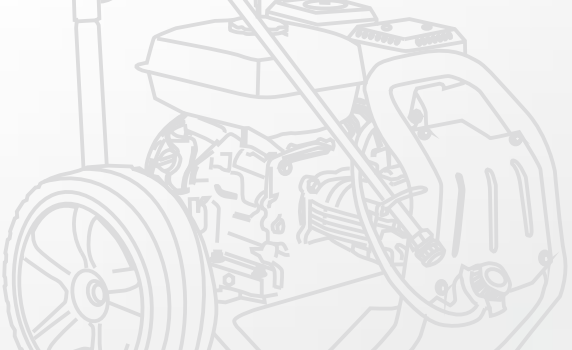
Standard 20m hose



NB
▲



Standard 20m hose



HIGH PRESSURE WASHER

GASOLINE

○ PROFESSIONAL HIGH PRESSURE NOZZLES. HIGH PRESSURE HOSE WITH QUICK CONNECT FOR FAST ASSEMBLY. SELF SUCTION FUNCTION FOR YOUR OPTION.

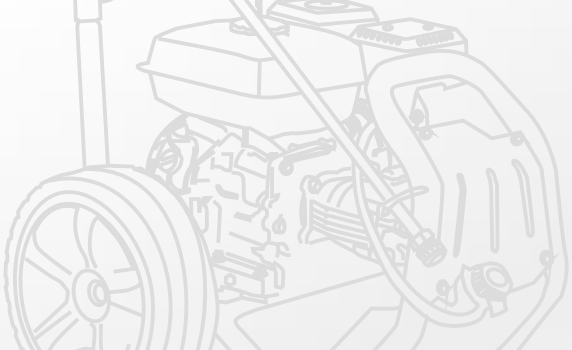


A



B

HIGH PRESSURE WASHER	BS-G150A/B	BS-G200A/B	BS-G250A/B
Power	7.0HP	9.0HP	13HP/15HP
Speed	3400	3400	3400
Working pressure	135-150Bar	182-200Bar	230-250Bar
Flow	12.6LPM	15LPM	15LPM
G.W.(kg)	36/42	50/57	58/70.5
Dimension(mm)	650*410*520/ 620*440*530	720*580*600/ 770*530*600	720*580*600/ 770*530*600
20FT(Set)	200/180	90/99	90/99
40HQ(Set)	525/475	240/264	240/264



HIGH PRESSURE WASHER

DIESEL

○ PROFESSIONAL HIGH PRESSURE NOZZLES. HIGH PRESSURE HOSE WITH QUICK CONNECT FOR FAST ASSEMBLY. SELF SUCTION FUNCTION FOR YOUR OPTION.



A



B

HIGH PRESSURE WASHER	BS-DE200/250A	BS-DE200/250B
Power	6.0HP	10HP
Speed	3400	3400
Working pressure	170-180Bar	230-250Bar
Flow	15LPM	15LPM
G.W.(kg)	60/70	64/74
Dimension(mm)	760*580*620	840*530*660
20GP(Set)	90	87
40HQ(Set)	240	232

○ PROFESSIONAL HIGH-PRESSURE HOSE WITH QUICK CONNECTION, FAST SELF-PRIMING FUNCTION,AUTOMATIC START AND STOP OPTION , SUITABLE FOR YOUR OPTION



A



B



E-start for optional



ES1.8-2A

▼ ELECTRIC MOTOR	
Power	1.8kw
Voltage frequency	220V/50Hz
Speed	2800RPM
▼ HIGH-PRESSURE PUMP	
Working pressure	80-100Bar
Flow	7LPM
G.W.(kg)	38kg
Size(L×W×H)(mm)	600*430*470mm
20GP	240
40GP	500

HIGH PRESSURE WASHER

ELECTRIC

PROFESSIONAL HIGH-PRESSURE HOSE WITH QUICK CONNECTION, FAST SELF-PRIMING FUNCTION,AUTOMATIC START AND STOP OPTION , SUITABLE FOR YOUR OPTION



BS-E

HIGH PRESSURE WASHER	ES2.2-2	ES3-2	ES2.2-4	ET2.2-4	ET3-4	ET4-4
Power	2.2KW	3.0KW	2.2KW	2.2KW	3.0KW	4.0KW
Voltage frequency	220V/50Hz	220V/50Hz	220V/50Hz	220V/50Hz	220V/50Hz	220V/50Hz
Speed	2800	2800	1450	1450	1450	1450
Working pressure	90-100Bar	120-140Bar	90-100Bar	90-100Bar	120-140Bar	186-200Bar
Flow	12.6LPM	12.6LPM	12.6LPM	12.6LPM	12.6LPM	12.6LPM
G.W.(kg)	46	48	56	52	56	68
Dimension(mm)	700*410*470	700*410*470	700*410*470	700*410*470	700*410*470	700*410*470
20GP(Set)	220	220	220	220	220	220
40HQ(Set)	460	460	460	460	460	460

PROFESSIONAL HIGH-PRESSURE HOSE WITH QUICK CONNECTION, FAST SELF-PRIMING FUNCTION, AUTOMATIC START AND STOP OPTION , SUITABLE FOR YOUR OPTION



THREE-PHASE	BS-ET5.5-4	BS-ET7.5-4
▼ELECTRIC MOTOR		
Power	5.5kw	7.5kw
Voltage frequency	380V/50Hz	380V/50Hz
Speed	1450RPM	1450RPM
▼HIGH-PRESSURE PUMP		
Working pressure	230-250Bar	230-250Bar
Flow	12.6LPM	15LPM
Mass weight(kg)	85	88
Size(L×W×H)(mm)	880*490*450	880*490*450
20GP	112	112
40GP	244	244

HIGH PRESSURE WASHER

SPARE PARTS



BS-P170



BS-P180

Pump Features:

1. Engine drive
2. Stainless steel plunger
3. Internal return water pressure relief
4. Thermal protection valve
5. Self-water absorption

Optional:

Aluminum Swashplate Pump	Pump Type	RPM	Shaft Hole Diameter (mm)	Maxing pressure (Bar)	Flow	Inlet Connector	Outlet Connector	G.W.(kg)	Dimension(mm)
P170	Aluminum	3400	16/19.05	190	9LPM	Quick connector	M22-inside diameter 14mm	2.3	360*180*200
P180	brass	3400	19.05	200	9LPM			3.2	360*180*200

Pump Features:

1. Engine drive
2. Anodized crankcase
3. Forged brass cylinder
4. Ceramic plunger
5. Pressure adjustable
6. Built-in self suction unloader

Optional:

1. Fixed rate chemical injector
2. Pressure gauge

BS-PG200



BS-PG250



Aluminum Swashplate Pump	Pump Type	RPM	Shaft Hole Diameter (mm)	Maxing pressure (Bar)	Flow	Inlet Connector	Outlet Connector	G.W.(kg)	Dimension(mm)
PG200	Plunger	3400	19.05/25.4	220	15LPM	Quick connector	M22-inside diameter 14mm	7.0	390*270*250
PG250	Plunger	3400	25.4	275	15/18LPM		3/8 Brass quick connect	9.0	390*270*250

HIGH PRESSURE WASHER

SPARE PARTS



BS-PE180



BS-PE200



BS-PE250

Pump Features:

- 2.Anodized crankcase
- 4.Ceramic plunger
- 6.Built-in self suction unloader
- 1.Motor dirve
- 3.Forged brass cylinder
- 5.Pressure adjustable
- 7.Quick connect outlet

Optional:

- 1.Fixed chemical injector
- 2.Pressure gauge
- 3.Thermal relief valve

Aluminum Swashplate Pump	Pump Type	RPM	Shaft Hole Diameter (mm)	Maxing pressure (Bar)	Flow	Inlet Connector	Outlet Connector	G.W.(kg)	Dimension(mm)
PE180	Plunger	2800	24	200	12.6LPM	Quick connector	M22-inside diameter 14mm	5kg	360*180*200
PE200	Plunger	1450	24/28	220	12.6LPM		3/8 Copper quick connect	7kg	360*180*200
PE250	Plunger	1450	28	275	12.6/15LPM			9kg	360*180*200



H01



H02



Water inlet hose



Max.Pressure:2009PSI/200bar



H03



H04



M22×1.5 M14×1.5-M 3/8-M 3/8-F

Model	Max.Pressure	OD mm	Inlet		Outlet	
	PSI					
BS-H01	2500	11	M22×1.5		M14×1.5-M	
BS-H02	2500	14	M22×1.5		M14×1.5-M	
BS-H03	2900	14	3/8-M	M22×1.5	3/8-F	M14×1.5-M
BS-H04	3600	18	3/8-M	M22×1.5	3/8-F	M14×1.5-M

HIGH PRESSURE WASHER

SPARE PARTS



G01

Max pressure: 4000PSI/275BAR
Max temperature:60C/140F
Max flow:18LPM/6GPM

G02

Max pressure: 2900PSI/200BAR
Max temperature:60C/140F
Max flow:15LPM/4GPM



Turbo nozzle
Max pressure: 4000PSI



Turbo nozzle
Max pressure: 3000PSI



J Spary gun pole

U Spary gun pole



Stainless steel nozzle



Sewer clean nozzle

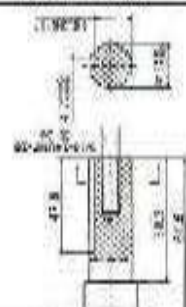
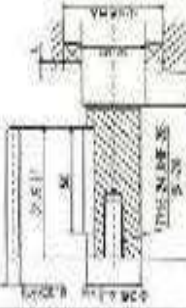
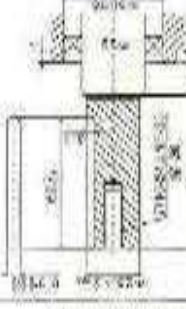

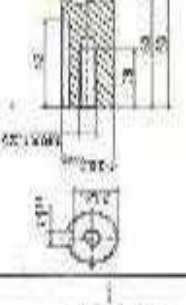
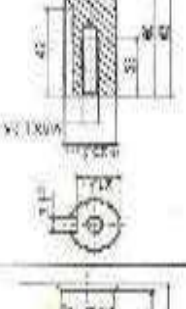
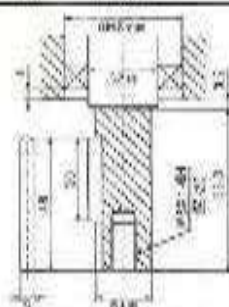
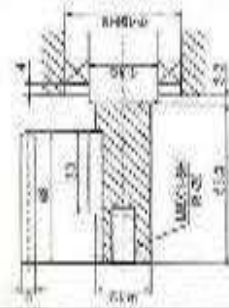
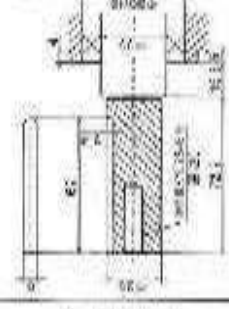
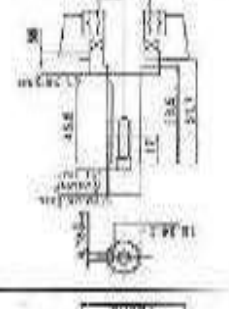
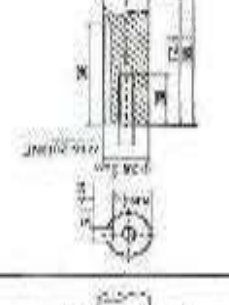
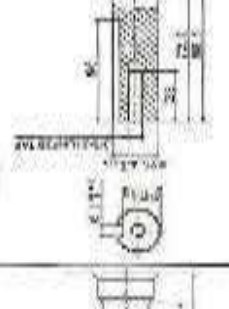
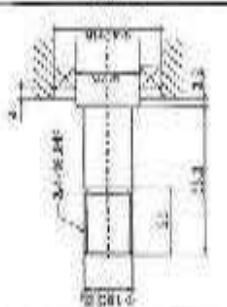
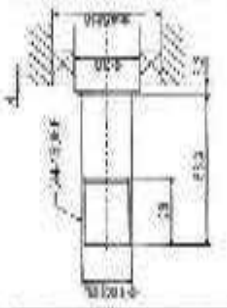
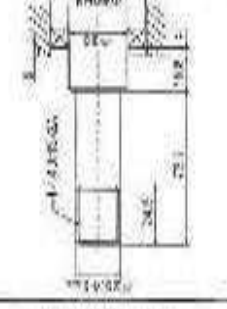
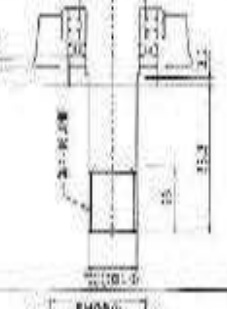
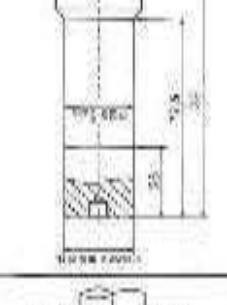
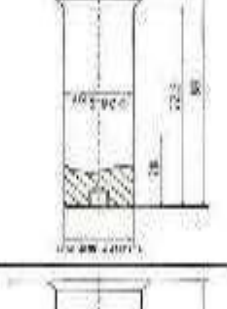
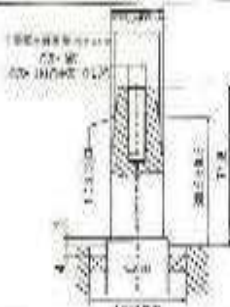
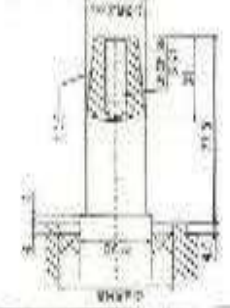
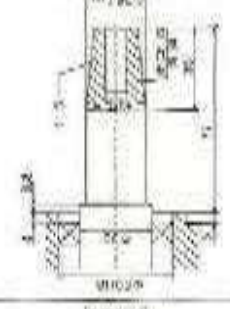
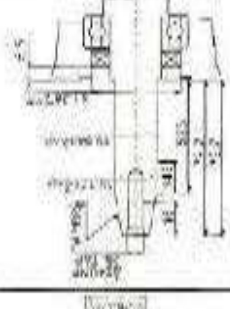

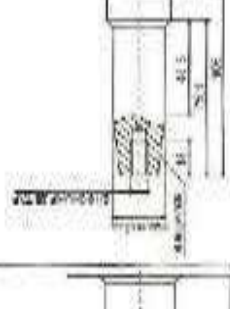


Soap bottle volume 1 L



Surface Cleaner



DIESEL ENGINE			GASOLINE ENGINE		
BS170	BS178	BS186F/BS186FA	BS168F/BS170F	BS177F	BS188F/BS190F
F-A 	F-A 	F-A 	S 	S 	S 
F-B 	F-C 	F-B 	Q 	Q 	Q 
P1 	P1 	P1 	P 	P 	P 
G1 	G3 	G3 	V 	V 	V 

ENGINE

Features:

Powerful and durable OHV 4-stroke engine.
Compact & light-weight, smooth running with minimal vibration.
Oil alert built-in, multi-choice for PTO shafts.
Electric start, color & other OEM service optional.

Low oil shutdown system.
Excellent combustion efficiency to produce high economic benefits.
Stability of horse power.
Regulation system and warning system, safe to use.

OEM optional



Quick Start



Stable performance



EURO V certification optional



Key start optional



1/2 reduction(with chain)



1/2 reduction(with clutch)



Oil alarm



GASOLINE ENGINE

DIESEL ENGINE

EXCELLENT COMBUSTION EFFICIENCY TO PRODUCE HIGH ECONOMIC BENEFITS.REGULATION SYSTEM AND WARNING SYSTEM,SAFE TO USE.



BS156F



BS168F-1

GASOLINE ENGINE	BS156	BS168F	BS168F-1	BS170F	BS177F	BS188F	BS190F	BS192F
Type	Single Cylinder,Air-cooled,4-stroke,OHV							
Displacement(cc)	93.5	163	196	210	270	389	420	439
Output(HP)	2.6	5.5	6.5	7.0	9.0	13	15	18
Max power(KW)	1.7	4.1	4.8	5.1	6.6	9.6	11.0	13.2
Rated power(KW)	1.3	3.0	4.3	4.4	5.5	8.6	9.6	11.8
Rated speed(RPM)	3000/3600							
Bore*stroke(mm)	56*38	68*45	68*54	70*54/56	77*58	88*64	90*66	92*66
Compression ratio	7.7	8.5	8.5	8.5	8.2	8.0	8.0	8.0
Ignition system	T.C.I							
Starting system	Recoil/Electric Staring							
Fuel tank volume(L)	1.6	3.6	3.6	3.6	6.5	6.5	6.5	6.5
G.W. (kg)	10.6	15	16	17	28	33	34	36
Dimenesion(mm)	300*290*280	390*330*340			505*415*475			
20GP(set)	1100	630	630	630	275	275	275	275
40HQ(set)	2300	1505	1505	1505	690	690	690	690

EXCELLENT COMBUSTION EFFICIENCY TO PRODUCE HIGH ECONOMIC BENEFITS.REGULATION SYSTEM AND WARNING SYSTEM,SAFE TO USE.



BS170F(E)



BS186F(E)

DIESEL ENGINE	BS170F(E)	BS178F(E)	BS186FA(E)	BS188F(E)
Type	Single-Cylinder, Air Cooled, 4-Stroke			
Displacement(cc)	211	296	418	456
Output(HP)	4.0	6.0	10	11
Max power(KW)	3.0	4.6	7.1	8.0
Rated power(KW)	2.5	4.2	6.5	7.5
Rated speed(RPM)	3000 / 3600	3000 / 3600	3000 / 3600	3000 / 3600
Bore×stroke(mm)	70*55	78*62	86*72	88*75
Compression ratio	20: 1	20: 1	19: 1	19: 1
Ignition system	Compression Combustion			
Starting system	Recoil start / Key start			
Fuel tank volume(L)	2.5	3.5	5.5	5.5
G.W. (kg)	27	33	48	49
Dimenesion(mm)	455*375*490	485*420*520	520*520*565	520*520*565
20GP(set)	330	260	180	180
40HQ(set)	640	500	350	350



WATER PUMP

Features:

- Powered by 4-stroke OHV gasoline engine.
- Aluminum alloy high pressure casting.
- Big volume water discharge.
- Compact in structure and light in weight.
- High effective mechanical seal.



Compact in structure
and light in weight



High lift
Max. head



Big volume
water discharge



Aluminum alloy
high pressure casting



The pump is suitable for irrigation, water supply and drainage, environmental protection, construction, fire protection, chemical, equipment cooling, etc.

GASOLINE WATER PUMP

- ALUMINUM ALLOY HIGH PRESSURE CASTING.BIG VOLUME WATER DISCHARGE.
- HIGH EFFECTIVE MECHANICAL SEAL.COMPACT IN STRUCTURE AND LIGHT IN WEIGHT.



BS30

GASOLINE WATER PUMP	BS15	BS20	BS30	BS40A	BS40B
Inlet and outlet size(mm)	40(1.5")	50(2.0")	80(30")	100(4.0")	100(4.0")
Pump lift(m)	20	28	30	25	30
Suction height(m)	7	8	8	7	8
Flux(m³/h)	20	36	60	75	90
Model	BS156F	BS168F-1	BS168F-1	BS170	BS177F
Type	Single Cylinder, Air-cooled, 4-stroke				
Displacement(cc)	93.5	196	196	210	270
Max power(KW)	2.0	5.2	5.2	5.6	7.2
Rated power(KW)	1.8	4.7	4.7	5.1	6.6
Rated speed(RPM)	3000/3600	3000/3600	3000/3600	3000/3600	3000/3600
Bore×stroke(mm)	56*38	68*54	68*54	70*54	77*58
Compression ratio	7.7	8.5	8.5	8.5	8.2
Fuel tank volume(L)	1.6	3.6	3.6	3.6	6.5
Mass weight(kg)	22	28	30	39	49
Size(L×W×H)(mm)	420*335*335	488*390*408	510*390*431	605*435*480	635*455*545
20GP	686	385	330	160	144
40GP	1568	900	828	402	375

GASOLINE WATER PUMP

HIGH PRESSURE PUMP

GASOLINE WATER PUMP	BS15H	BS20H	BS30H
Inlet and outlet size(mm)	40(1.5")	50(2.0")	80(3.0")
Pump lift(m)	55	50	25
Suction height(m)	6	7	7
Flux(m³/h)	35	42	75
Impeller	Single	Single	Single
▼ENGINE			
Model	BS168F-1	BS170F	BS188F
Type	Single Cylinder, Air-cooled, 4-stroke		
Displacement(cc)	196	210	390
Max power(KW)	5.2	5.6	10.5
Rated power(KW)	4.7	5.1	9.5
Rated speed(RPM)	3000/3600	3000/3600	3000/3600
Bore×stroke(mm)	68*54	70*56	88*64
Compression ratio	8.5	8.5	8.0
Ignition system	T.C.I	T.C.I	T.C.I
Fuel tank volume(L)	3.6	3.6	6.5
Mass weight(kg)	26	28	33
Size(L×W×H)(mm)	488*390*408		510*390*431
20FT	385	385	275
40HQ	900	900	690



CAST IRON HIGH PRESSURE PUMP

GASOLINE WATER PUMP	BS20i	BS30i
Pump engine(HP)	7	11
Inlet and outlet size	2"x2"	3"x3"
Outlet size(mm)	50	80
Inlet size(mm)	50	80
Flux(m³/h)	30	40
Pump lift max(m)	75	80
Pump impeller(mm)	175	188
Pump shaft	3/4-16UNF	1-14UNS-2A
Mass weight(kg)	28	57.6
Dimensions(mm)	510*395*420	485*460*520
20FT	400	335
40HQ	960	815



GASOLINE WATER PUMP



CHEMICAL PUMP

GASOLINE WATER PUMP	BSC20	BSC30
Inlet and outlet size(mm)	50(2.0'')	80(3.0'')
Pump lift(m)	30	20
Suction height(m)	7	7
Flux(m³/h)	35	60
Impeller	Single	Single
▼ ENGINE		
Model	BS168F-1	BS168F-1
Type	Single Cylinder, Air-cooled, 4-stroke	
Displacement(cc)	196	196
Max power(KW)	4.8	4.8
Rated power(KW)	4.3	4.3
Rated speed(RPM)	3000/3600	3000/3600
Bore×stroke(mm)	68*54	68*54
Compression ratio	8.5	8.5
Ignition system	T.C.I	T.C.I
Fuel tank volume(L)	3.6	3.6
Mass weight(kg)	26	27
Size(L×W×H)(mm)	488*390*408	488*390*408
20FT	385	385
40HQ	900	900

TRASH PUMP

GASOLINE WATER PUMP	BST30
Inlet and outlet size(mm)	80(3.0'')
Pump lift(m)	25
Suction height(m)	7
Flux(m³/h)	45
Impeller	Single
▼ ENGINE	
Model	BS170F
Type	Single Cylinder, Air-cooled, 4-stroke
Displacement(cc)	210
Max power(KW)	5.7
Rated power(KW)	5.5
Rated speed(RPM)	3000/3600
Bore×stroke(mm)	70*56
Compression ratio	8.2
Ignition system	T.C.I
Fuel tank volume(L)	6
Mass weight(kg)	49
Size(L×W×H)(mm)	635*455*545
20FT	144
40HQ	375



DIESEL WATER PUMP

- ALUMINUM ALLOY HIGH PRESSURE CASTING.BIG VOLUME WATER DISCHARGE.
- HIGH EFFECTIVE MECHANICAL SEAL.COMPACT IN STRUCTURE AND LIGHT IN WEIGHT.



BSD30

DIESEL WATER PUMP	BSD20	BSD30	BSD40	BSD40(E)
In/outlet size(mm)	50(2.0'')	80(3.0'')	100(4.0'')	100(4.0'')
Pump lift(m)	26	25	31	31
Suction height(m)	8	8	8	8
Flux(m³ /h)	36	50	96	96
Model	BS170F(E)	BS178F(E)	BS186F(E)	BS186F(E)
Output(kw)	2.5	4.0	6.3	6.3
Bore×stroke(mm)	70*55	78*62	86*70	86*70
Displacement(cc)	211	296	406	406
Type	Single Cylinder, Air Cooled, 4 Stroke			
Compression ratio	20:1	20:1	19:1	19:1
Rated speed(RPM)	3000/3600	3000/3600	3000/3600	3000/3600
Starting system	Recoil start / Key start			
Fuel tank capacity(L)	2.5	3.5	5.5	5.5
N.W./G.W.(kg)	35 / 37	52 / 54	64 / 67	69 / 72
Dimension(m³/h)	500*420*500	560*440*550	650*480*600	650*500*740

DIESEL WATER PUMP



HIGH PRESSURE CAST IRON DIESEL WATER PUMP

DIESEL WATER PUMP	BS20I	BS30I
In/outlet size(mm)	50(2.0")	80(3.0")
Pump lift(m)	75	80
Suction height(m)	7	7
Flux(m ³ /h)	30	41

▼ENGINE

Model	BS186F(E)	BS186FA(E)
Output(kw)	6.3	8.2
Bore×stroke(mm)	86*70	86*72
Displacement(cc)	406	499
Type	Single Cylinder, Air Cooled, 4 Stroke	
Starting system	Recoil start/Key start	
Fuel tank capacity(L)	5.5	5.5
N.W./G.W.(kg)	64 / 67	69 / 72
Dimension(m ³ /h)	560*440*520	560*440*550

HIGH PRESSURE DIESEL WATER PUMP

DIESEL WATER PUMP	BS20H	BS30H
In/outlet size(mm)	50(2.0")	80(3.0")
Pump lift(m)	55	36
Suction height(m)	8	8
Flux(m ³ /h)	26	38

▼ENGINE

Model	BS186F(E)	BS186F(E)
Output(kw)	6.3	6.3
Bore×stroke(mm)	86*70	86*70
Displacement(cc)	406	406
Type	Single Cylinder, Air Cooled, 4 Stroke	
Compression ratio	19:1	19:1
Rated speed(RPM)	3000/3600	3000/3600
Starting system	Recoil start/Key start	
Fuel tank capacity(L)	5.5	5.5
N.W./G.W.(kg)	64 / 67	69 / 72
Dimension(m ³ /h)	560*440*520	560*440*550



BISON BRAND DISTRIBUTION MAP

