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HUTZ AUTO & AIR NANJING LTD



WILLEST

Part IV

Auto Battery Maintenance
And Welding Facilities
Auto Repair And Service

WILLEST INTERNATIONAL LTD.



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AUTO BATTERY
MAINTENANCE AND
WELDING FACILITIES
AUTO REPAIR AND
SERVICE

PART IV



Ready to serve you

WE ARE A PRIDE

WE EXIST TO SERVE AND ENHANCE THE
BUSINESS OF OUR CUSTOMERS
OUR TEAM AND OUR COMMUNITIES
WE ARE A GROWING, INNOVATIVE GROUP
ACHIEVING EXTRAORDINARY RESULTS
THROUGH EXTRAORDINARY PEOPLE
WE TOUCH THE LIVES OF MORE PEOPLE
IN MORE WAYS EVERY DAY



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PART IV

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W W PART IV

AUTO BATTERY MAINTENANCE AND WELDING FACILITIES AUTO REPAIR AND SERVICE

Conversion Factors

Weight	Capacity
1 kg = 2.2046 lb	1lit = 0.264 US gal = 0.22 UK gal
1 lb = 16 oz = 0.4536 kg	1 US gal = 3.785lit = 231in3
1 oz = 0.0625 lb	1 UK gal = 4.546lit = 277.42in3
Power	Volume
1 kw = 1.34 UK hp	1cm3 = 0.061in3
1 kw = 1.36 hp	1m3 = 1.303yd3 = 35.3147ft3
1 UK hp = 0.746 kw	1ft3 = 28.32lit
1 hp = 0.735 kw	1yd3 = 27ft3 = 0.7636m3
Length	Torque
1 m = 39.27 in = 3.28 ft	1ft-lb = 1.36Nm = 0.14kg-m
1 ft = 12 in = 0.30 m	1Nm = 0.74ft-lb = 0.10kg-m
1 in = 25.4 mm	1kg-m = 9.8Nm = 7.23ft-lb
Pressure	Stream Flow
1 bar = 1.02 kg/cm2 = 14.5 psi	1cfm = 28.3lit/min = 0.0283m3/min
1 psi = 0.07 kg/cm2 = 0.07 bar	1m3/min = 35.335cfm

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BJS17A-00



BJS17A-01



BJS17A-02



BJS38A-10



BJS17A-11



BJS17A-12

Model	Battery v/ah	Peak Current amp	Starting Current amp	Output v	Compressor Max. psi	Inverter Max. w	Safety Switch	Work Lamp w/pc	LED pc
BJS17A-00	12/17	800	400	12*1	—	—	—	3.6*1	—
BJS17A-01	12/17	800	400	12*1	300	—	—	3.6*1	—
BJS17A-02	12/17	800	400	12*1	—	300	—	3.6*1	—
BJS17A-03	24/17	900	400	12*1	—	—	—	3.6*1	—
BJS38A-10	12/17,24,38 24/17	900	400	12*1	—	—	√	3.6*1	—
BJS17A-11	12/17	800	400	12*1	300	—	√	3.6*1	—
BJS17A-12	12/17	800	400	12*1	—	300	√	3.6*1	—



BJS10M-03



BJS17A-06



BJS17M-04

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BJS17A-07

Model	Battery v/ah	Peak Current amp	Starting Current amp	Output v	Compressor Max. psi	Inverter Max. w	Safety Switch	Work Lamp w/pc	LED pc
BJS17A-06	12/17	900	400	12*1	300	—	√	—	1
BJS17A-07	12/17	1000	500	3, 6, 9, 12*1	260	300	—	9.0*1	—
BJS10M-03	12/10	700	200	12*1	—	—	—	4*1	2
BJS17M-04	12/17	800	350	12*1	—	—	√	3.6*1	—



BJS17C-00

Normal Bulb and Led Lamp at Option



BJS17C-10



BJS17C-02



BJS17C-15



BJS19C-03

Model	Battery /ah	Peak Current amp	Starting Current amp	Output v	Compressor Max. psi	Inverter Max. w	Safety Switch	Work Lamp w/pc	LED pc
BJS17C-00	12/17	800	400	12*3	300	—	—	5*2	—
BJS17C-01	12/17	800	400	12*3	300	—	—	—	2
BJS17C-10	12/17	800	400	12*3	300	150	—	—	2
BJS17C-11	12/17	800	400	12*3	300	150	—	5*2/3*2	—
BJS19C-03	24/19	900	400	24/12*3	300	—	—	—	2
BJS17C-02	12/17	800	400	12*3	300	—	√	—	2
BJS17C-15	12/17	800	400	12*2	300	150	—	—	2



BJS17C-24



BJS17C-17



BJS17C-16

Model	Battery v/ah	Peak Current amp	Starting Current amp	Output v	Compressor Max. psi	Inverter Max. w	Safety Switch	Work Lamp w/pc	LED pc
BJS17C-24	12/17	800	400	12*2	—	200	—	3.6*2	—
BJS17C-17	12/17	800	400	12*3	300	—	—	5*2/3*2	—
BJS17C-16	12/17	800	400	12*1	—	—	—	—	—



BJS10M-20



BJS10M-22

BJS10M-21



BJS12M-16

Model	Battery v/ah	Peak Current amp	Starting Current amp	Output v	Compressor Max. psi	Inverter Max. w	Safety switch	Work Lamp w/pc	LED pc
BJS10M-20	12/10	300	200	12*1	—	—	—	—	1
BJS10M-21	12/10	300	200	12*1	—	—	√	4*1	—
BJS10M-22	12/10	300	200	12*1	—	—	√	4*1	—
BJS12M-16	12/12	600	300	12*1	—	—	√	—	10



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BJS02H-00

Model	BJS02H-00
Battery (v/mah)	13.2/1300
Peak Current (amp)	—
Starting Current(amp)	—
Output (v)	12*1
Compressor (max. psi)	—
Inverter (max. w)	—
Safety Switch	—
Work Lamp (w*pc)	—
Led (pc)	—



BJS17D-15



BJS38D-10

BJS19D-06

BJS38D-11

Model	Battery v/ah	Peak Current amp	Starting Current amp	Output v	Compressor max. psi	Inverter max. w	Safety switch	Work Lamp w*pc	LED pc
BJS38D-10	12/38	1600	1000	12/24*2	300	500	—	—	1
BJS38D-11	12/38	1600	1000	12/24*2	300	500	—	—	1
BJS19D-06	12/19	900	400	12*2	300	300	—	8*1	—
BJS19D-07	12/19	900	400	12*2	—	300	—	5*1/8*1	—
BJS17D-15	12/17	800	400	12*2	300	—	√	3*1/8*1	—



BJS17H-06



BJS12H-04



BJS17H-05

Model	Battery v/ah	Peak Current amp	Starting Current amp	Output v	Compressor max. psi	Inverter max. w	Safety switch	Work Lamp w*pc	LED pc
BJS17H-06	12/17	900	400	3, 6, 9, 12*1	—	—	—	—	—
BJS12H-04	12/12	600	250	3, 6, 9, 12*1	—	—	—	3*1	—
BJS17H-05	12/17	900	400	3, 6, 9, 12*1	—	—	√	—	—

Power Inverter

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BPIS

Model	Input Voltage	Continuous Power(w)	Peak Power(w)	Protection Function
BPI040M-A/B	12V	400	800	✓
BPI050M-A/B	12V	500	1000	✓
BPI060M-A/B	12V	600	1200	✓
BPI070M-A/B	12V	700	1400	✓
BPI080M-A/B	12V	800	1600	✓



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Model	Input Voltage	Continuous Power(w)	Peak Power(w)	Protection Function
BPI010S-A/B	12V	100	200	✓
BPI015S-A/B	12V	150	300	✓
BPI020S-A/B	12V	200	400	✓
BPI025S-A/B	12V	250	400	✓
BPI030S-A/B	12V	300	600	✓
BPI035S-A/B	12V	350	600	✓

A stands for universal power supply

B stands for europe power supply



BPIM

Model	Input Voltage	Continuous Power(w)	Peak Power(w)	Protection Function
BPI100L-A/B	12V	1000	2000	✓
BPI125L-A	12V	1250	2400	✓
BPI150L-A	12V	1500	3000	✓
BPI200L-A	12V	2000	4000	✓
BPI250L-A	12V	2500	4500	✓
BPI300L-A	12V	3000	5000	✓



BPIL



NEW



BTQ-17/BTQ-18

- Detail reak-out and easy-to-see warning/labeling.
- Battery "state of charge"and "load"test.
- Alternator/regulator output test.
- Reverse polarity indicated at needle.
- Pistol grip handle.
- Side post extensions at clamps.
- Using on car, van, truck and motorcycle.



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BTM-21/BTQ-19

- Quickly and accurately determines batteries state of chare and also tests battery charges ability to charge fa battery.
- Simulates the cranking load and evalrates the ability of the battery to crank the vehicle.
- Heavy duty, color coded, copper plated clamps.
- Tests: 6/12v batteries and charging systems up to 16v.



BTD-20/BTM-16

- Quickly and accurately determines batteries state of chare and also tests battery charges ability to charge fa battery.
- Simulates the cranking load and evalrates the ability of the battery to crank the vehicle.
- Heavy duty, color coded, copper plated clamps.
- Tests: 6/12v batteries and charging systems up to 16v.



Battery Charger

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Battery Charger

FC135A-01



BCH001M-01



BCH001M-00

Model	Input Voltage (v)	Output Voltage (v)	Out Current (a)	Efficiency (%)
FC135A-01	110-120/230-240	13.45	—	—
BCH001M-00	230-240	13.45	1.25	74
BCH001M-01	110-120/230-240	13.45	1.25	80

BCH100M-27



BCH100M-28



BCH100M-15



BCH085M-13

Model	Input Voltage (v)	Output Voltage (v)	Out Current (a)	Efficiency (%)
BCH085M-13	230-240	6/12	8.5/5.5	74
BCH100M-15	230-240	12	10/5.5	74
BCH100M-27	110-120/230-240	6/12	6/10	80
BCH100M-28	110-120/230-240	6/12	6/10	80

BPS12A-02

BPS12A-01



Power Station

BPS17A-03



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Model	Battery (v/ah)	Output (v)	Work Lamp (w*pc)
BPS12A-01	12/4, 7, 12	3, 6, 9, 12*1	5*1
BPS12A-02	12/4, 7, 12	3, 6, 9, 12*1	5*1
BPS17A-03	12/17	18*1	—



Model	Rated Input Voltage(v)	Rated Capacity (w)	Charging Voltage(v)	Rated Current(a)	Charging Current (a)	Reference Capacity Ah15h(min/max)
BCH080D-02	230	290	2/6/12/24	8	12	56-180
BCH020D-02	230	165	2/6/12/24	5	18	35-120
BCH120D-02	230	150	2/6/12/24	12	24	80-240
BCH200D-02	230	260/480	12/24	20	24	92-250
BCH300D-02	230	480/730	12/24	30	24	120-320

Model	Rated Input Voltage(v)	Rated Capacity (w)	Charging Voltage(v)	Boost Current(a)	Rated Current (a)	Reference Capacity Ah15h(min/max)
BCH100D-03	230	180/310	12/24	14	14	92-210
BCH120D-03	230	220/320	12/24	16	16	100-240
BCH160D-03	230	260/480	12/24	20	20	92-250
BCH200D-03	230	350/610	12/24	25	25	100-300
BCH250D-03	230	480/730	12/24	30	30	120-320

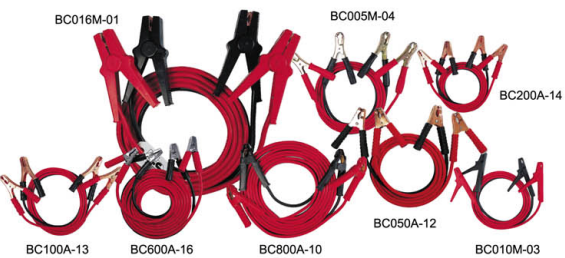
Model	Rated Input Voltage(v)	Rated Capacity (w)	Charging Voltage(v)	Rated Current(a)	Charging Current (a)	Starting Current(a)	Reference Capacity Ah15h(min/max)
BCH160D-17	230	460	12/24	16	24	130	70-300
BCH200D-17	230	550	12/24	20	30	180	90-450
BCH250D-17	230	770	12/24	25	38	220/250	Min100
BCH300D-17	230	950	12/24	24/30	75	250/300	Min100
BCH350D-17	230	1000	12/24	27/35	90	320/350	Min100
BCH350D-22	230	500	12	2/35	53	200	15/500
BCH400D-22	230	550	12	4/40	60	220	30/600

Model	Rated Input Voltage(v)	Rated Capacity (w)	Charging Voltage(v)	Rated Current(a)	Charging Current (a)	Starting Current(a)	Reference Capacity Ah15h(min/max)
BCH500D-24	230	1.2	6/12	50/40/2	75/60/3	225	
BCH600D-24	230	1.45	6/12	60/50/2	90/75/3	245	
BCH700D-24	230	1.6	6/12	70/60/2	105/90/3	265	



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Booster Cable **WWW.WILLEST.COM**



Model	Cable	Length	Clamp	Insulation Material
BC016M-01	16mm ²	3m	B09-4	TPR
BC010M-03	10mm ²	2.0~2.5m	B09-7	PVC / TPR
BC005M-04	5mm ²	2.0~2.5m	A03	PVC / TPR
BC050A-12	2.0~3.0mm ²	1.8~2.5m	A04	PVC / TPR
BC100A-13	2.0~4.0mm ²	2.0~2.5m	A06	PVC / TPR
BC200A-14	3.0~5.0mm ²	2.0~3.0m	A18	PVC / TPR
BC600A-16	10.0~20.0mm ²	3.0~5.0m	A21	PVC / TPR
BC800A-10	20.0~50.0mm ²	4.0~7.0m	B16	PVC / TPR



Model	Cable	Length	Clamp	Insulation Material
BC12G-20	12GA	8FT	A16-1	PVC / TPR
BC10G-21	10GA	12FT	A05	PVC / TPR
BC08G-24	8GA	12FT	A22	PVC / TPR
BC08G-26	8GA	12FT	B03-5	PVC / TPR
BC016M-70	16mm ²	3m	B09-4	TPR



F



A



D



E



B



C



CR4B01P

CR4A01P

CR4G01P

Model	Description	Specification	Length
CR4C01P	H05VV-F	3G1.0 mm ²	max.40 m
	H05RN-F	3G1.0 mm ²	max.40 m
	H05RR/H07RN-F	3G1.0 mm ²	max.40 m
	H05RR/H07RN-F	3G1.5 mm ²	max.50 m
CR1D01P	H05VV-F	3G1.0 mm ²	20-25 m
	H05VV-F	3G1.5 mm ²	20-25 m
CR4F01P	H05VV-F	3G1.0 mm ²	0-30 m
	H05VV-F	3G1.5 mm ²	0-30 m



CR4E01P

CR4E02P

Model	Description	Specification	Length
CR4E01P	H05VV-F	3G1.0 mm ²	15-20 m
	H05VV-F	3G1.5 mm ²	15-20 m
	H05VV-F	2*1.0 mm ²	10-15 m
CR4E02P	H05VV-F	2*1.5 mm ²	10-15 m



CR16A01

CR15E01

CR16A02

Model	Description	Specification	Length
CR4A01P	H05VV-F	3G1.0 mm ²	3-5 m
	H05VV-F	3G1.5 mm ²	3-5 m
CR4B01P	H05VV-F	3G1.0 mm ²	7.5-10 m
	H05VV-F	3G1.5 mm ²	7.5-10 m
CR4G01P	H05VV-F	2*1.0 mm ²	3-5 m
	H05VV-F	2*1.5 mm ²	3-5 m



CR4C01P

CR1D01P

CR4F01P

Extension Cord



C2C01

C2A01

C2B01

C2D01

Model	Specification	Model	Specification
C2A01	3G1.5 mm ² 2 m	C2C01	3G1.5 mm ² 2 m
	3G1.5 mm ² 3 m		3G1.5 mm ² 3 m
	3G1.5 mm ² 5 m		3G1.5 mm ² 5 m
	3G1.5 mm ² 2 m		3G1.5 mm ² 2 m
C2B01	3G1.5 mm ² 3 m	C2D01	3G1.5 mm ² 3 m
	3G1.5 mm ² 5 m		3G1.5 mm ² 5 m
	3G1.5 mm ² 2 m		3G1.5 mm ² 2 m

Model	CR16A01/02	CR14B0101/02	CR12C0101/02
Line length	50 FEET	40 FEET	40 FEET
AWG	16AWG	14AWG	12AWG
Accessory	Triple Outlet	Triple Outlet	Triple Outlet
AMPERE	10A	13A	15A

Model	CR15E01	CR15E02
Line length	33FEET	50FEET
AWG	1.5mm ²	1.5mm ²
Accessory	Single Outlet	Single Outlet
AMPERE	2000W	2000W

Emergency Kit

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BCK55A01



BCK55A01

1pc	warning triangle	1pc	master wrench
1set	booster cable	1pc	tow rope
8pcs	auto bulb kit	1pc	gloves
1pc	adjustable wrench	1pc	ice scraper
1pc	long-nose plier	1pc	rain coat
1pc	air compressor	30pcs	fasten tape
1pc	flash light	1pc	electric tape
1pc	safety vest	1pc	nylon bag
2pcs	screw driver	1pc	color box

BCK96B01



BCK96B01

1pc	warning triangle	2pcs	gloves
29pcs	first aid kit	1pc	call police banner
1pc	magnetic lamp	1pc	rain coat
1pc	adjustable wrench	1pc	electric tape
10pcs	multi-use tool	29pcs	fasten tape
4pcs	air compressor	1pc	siphon pump
2pcs	booster cable	1pc	tow rope
1pc	water bag	1pc	nylon bag
9pcs	fuse	1pc	color box

BCK79C01

29pcs	first aid kit	1pc	water bag
2pcs	booster cable	1pc	call police banner
3pcs	flash light + cell battery	9pcs	fuse
1pc	adjustable wrench	2pcs	cotton gloves
1pc	long-nose plier	1pc	rain coat
2pcs	screw driver	1pc	elastic rope
4pcs	air compressor	1pc	color sleeve
1pc	electrical tape	1pc	nylon bag
19pcs	fasten tape		

BCK79C01



BCK60D01

1pc	flash light	1pc	electric tape
1pc	call police banner	1pc	long-nose plier
2pcs	booster cable	2pcs	double-head screw driver
1pc	water bag	2pcs	cotton gloves
19pcs	fasten tape	1pc	nylon bag
19pcs	first aid kit	1pc	color sleeve
9pcs	fuse		

BCK60D01





BCK46E01

- | | |
|---------------------|--------------------------|
| 1pc gloves | 1set auto bulb kit |
| 1pc rain coat | 1pc auto electric tester |
| 1pc ice scraper | 1pc screw driver handle |
| 1pc flash light | 10pcs bits |
| 1pc reflective tube | 15pcs faster tape |
| 1pc long-nose plier | 1pc electric tape |
| 1pc safety vest | 8pcs fuse |
| 1set booster cable | 1pc nylon bag |



BCK50F01

- | | |
|---------------------|-----------------------------|
| 1pc tow rope + flag | 1pc elastic rope with hooks |
| 1pc safety vest | 1pc ice scraper |
| 1pc siphon pump | 1pc rubber flag light |
| 1pc gloves | 8pcs electric tape |
| 1set booster cable | 10pcs fasten tape |
| 1pc magnetic lamp | 1pc box knife |
| 1pc long-nose plier | 1pc rain coat |

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BCK33G01

- | | |
|--------------------------------------|--------------------------|
| 1pc booster cable | 1pc flash light |
| 1pc long-nose plier | 1pc box knife |
| 1pc auto electric tester | 1pc rain coat |
| 1pc screw driver handle + 10pcs bits | 1pc tyre pressure tester |
| 10pcs 3x150mm fasten tape | 1pc electric tape |
| 2pc cell battery | 1pc triangle nylon bag |
| 1pc gloves | |



BCK19H01

- | | |
|------------------------------|----------------------------|
| 1pc safety vest | 1pc round zipper nylon bag |
| 1pc siphon pump | 1pc electrical tape |
| 1pc gloves | 1pc joint plier |
| 1set booster cable | 1pc box knife |
| 1pc electrical tape | 1pc flash light |
| 1pc double-head screw driver | 8pcs fuse |

MMA Welding Machine

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Model	MMA080B01/ MMA080B02	MMA100B01/ MMA100B02	MMA130B01/ MMA130B02	MMA140B01/ MMA140B02	MMA160B01/ MMA160B02	MMA180B01/ MMA180B02	MMA200B01/ MMA200B02
Rated Input Voltage (v)	230	230	230	230	230	230/400	230/400
No-Load Voltage (v)	48	48	48	48	48	48	48
Current Range (amp)	40-80	45-100	55-130	55-140	55-160	60-180	60-200
Rated Duty (%)	10	10	10	10	10	10	10
Input Capacity (kw)	4.2	5	6.4	7	8	9.6	11.2
Usable Electrodes (mm)	1.6-2.5	1.6-2.5	2-3.2	2-4	2-4	2-4	2-4

Model	MMA130C01/ MMA130C02/ MMA130C03	MMA160C01/ MMA160C02/ MMA160C03	MMA130C01/ MMA130C02/ MMA130C03	MMA180C01/ MMA180C02/ MMA180C03	MMA200C01/ MMA200C02/ MMA200C03	MMA250C01/ MMA250C02/ MMA250C03
Rated Input Voltage (v)	230	230	230/400	230/400	230/400	230/400
No-Load Voltage (v)	48	48	48	48	48	50
Current Range (amp)	55-130	55-160	55-160	60-180	60-200	60-250
Rated Duty (%)	10	10	10	10	10	10
Input Capacity (kw)	6.4	8	8	9.6	11.2	14
Usable Electrodes (mm)	2-3.2	2-4	2-4	2-4	2-4	2.5-5



Model	MMA100D01	MMA130D01	MMA160D01	MMA160D02	MMA180D01	MMA200D01
Rated Input Voltage (v)	230	230	230	230/400	230/400	230/400
No-Load Voltage (v)	48	48	48	48	48	48
Current Range (amp)	55-100	55-130	55-160	55-160	60-180	60-200
Rated Duty (%)	10	10	10	10	10	10
Input Capacity (kw)	5	6.4	8	8	9.6	11.2
Usable Electrodes (mm)	2-3.2	2-3.2	2-4	2-4	2-4	2-4

Model	MMA130F01	MMA160F01	MMA160F02	MMA180F01	MMA200F01
Rated Input Voltage (v)	230	230	230/400	230/400	230/400
No-Load Voltage (v)	48	48	48	48	48
Current Range (amp)	55-130	55-160	55-160	60-180	60-200
Rated Duty (%)	10	10	10	10	10
Input Capacity (kw)	6.4	8	8	9.6	11.2
Usable Electrodes (mm)	2-3.2	2-4	2-4	2-4	2-4



NEW



MIG135F01

MIG135G01



Model	MIG105F01	MIG135F01	MIG105G01	MIG135G01
Rated Input Voltage (v)	230	230	230	230
Current Range (apm)	60-90	60-120	30-90	30-120
Input Capacity (kw)	3	4.5	3	4.5
Rated Duty (%)	10%-90A, 30%-60A	10%-120A, 30%-69A	15%-90A, 35%-60A	15%-120A, 35%-80A
Insulation Class	H	H	H	H
Welding Wire (mm)	0.6-0.9	0.6-0.9	0.6-0.9	0.6-0.9
Weight (kg)	14	16.5	22	24.5
Dimensions (mm)	515*230*345	515*230*345	500*290*415	500*290*415

MIG170R01



Model	MIG150R01	MIG170R01	MIG190R01	MIG150R01	MIG230R01
Rated Input Voltage (v)	230	230	230	400	400
Current Range (apm)	60-140	60-160	60-180	30-190	30-210
Input Capacity (kw)	5.2	6	7	10.4	12
Rated Duty (%)	15%-140A, 35%-70A	15%-160A, 35%-80A	15%-180A, 60%-90A	15%-190A, 35%-95A	15%-210A, 35%-105A
Insulation Class	H	H	H	H	H
Welding Wire (mm)	0.6-0.8	0.6-0.8	0.6-1.0	0.8-1.2	0.8-1.2
Weight (kg)	25.5	27	33	42	50
Dimensions (mm)	625*310*470	625*310*470	625*310*470	820*380*500	820*380*500



MIG170R02

Model	MIG250R01	MIG150R02	MIG170R02	MIG190R02
Rated Input Voltage (v)	400	230	230	230
Current Range (apm)	30-230	60-140	60-160	60-180
Input Capacity (kw)	13.5	5.2	6	7
Rated Duty (%)	15%-230A, 35%-115A	15%-140A, 35%-70A	15%-160A, 35%-80A	15%-180A, 60%-90A
Insulation Class	H	H	H	H
Welding Wire (mm)	0.8-1.2	0.6-0.8	0.6-0.8	0.6-1.0
Weight (kg)	53	25.5	27	33
Dimensions (mm)	820*380*500	625*310*470	625*310*470	625*310*470



The picture and specification is subject to the latest improvement at final order without preadvice, more information please keep checking in our web www.hutz.cn or contact us directly.

MIG100X08



NEW

Model	MIG100X08	MIG120X08	MIG200T01	MIG250T01	MIG300T01
Rated Input Voltage (v)	230	230	230	230	230
Current Range (apm)	30-90	30-120	40-200	50-250	50-300
Input Capacity (kw)	3	4.5	20	20	30
Rated Duty (%)	15%-90A, 35%-60A	15%-120A, 35%-80A	35%-200A, 60%-152A	35%-250A, 60%-190A	35%-300A, 60%-229A
Insulation Class	H	H	H	H	H
Welding Wire (mm)	0.6-0.9	0.6-0.9	0.6-1.0	0.6-1.2	0.8-1.2
Weight (kg)	22	24.5	95	113	127



MIG200T01

Welding Machine

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MMA Welding Machine



MMA140A01



MMA200B01



Model	MMA100A01	MMA120A01	MMA140A01	MMA180A01	MMA200A01	MMA220A01
Main Voltage	230V	230V	230V	230V/400V	230V/400V	230V/400V
Main Frequency	50Hz	50Hz	50Hz	50Hz	50Hz	50Hz
Absorbed Power	3.0KW	3.2KW	3.6KW	4.4KW	5.0KW	5.4KW
Main Fuse	17.5A	18.5A	22A	30A@230V; 17A@400V	32A@230V; 18.4A@400V	36A@230V; 21A@400V
Power Factor	0.72	0.72	0.72	0.64	0.68	0.64
No Load Voltage	46V	46V	46V	48V	48V	48V
Current Adjusting Range	38-80A	35-90A	50-110A	55-130A	55-140A	70-150A
Dia. Usable Electrodes	Φ 1.6-Φ 2.5mm	Φ 1.6-Φ 2.5mm	Φ 1.6-Φ 3.2mm	Φ 1.6-Φ 3.2mm	Φ 1.6-Φ 3.2mm	Φ 2.0-Φ 4.0mm
Duty Cycle	15%@80A; 60%@40A	15%@90A; 60%@45A	15%@110A; 60%@55A	15%@130A; 60%@65A	15%@140A; 60%@70A	15%@150A; 60%@75A
Insulation Class	H	H	H	H	H	H
Protection Degree	IP21S	IP21S	IP21S	IP21S	IP21S	IP21S

AC ARC Welding Machine

FEATURE:

Provide A.C.welding power source, suitable for welding of low-carbon or low-alloy steel by using coated electrodes;

Steady and elastic Arc, less spatter, deep penetration and smooth welding;

Small size, light weight, long service, and reasonable price;

Easy to set and to maintenance;

Wide applications.



BXA200B01

Model	BXA200B01	BXA250B01	BXA300B01	BXA400B01	BXA500B01
Power Capacity (kva)	12.5	18.5	25	32	40
Rated welding Current (a)	200	250	300	400	500
Open Voltage (v)	60	70	78	76	76
Welding Range (a)	60~200	60~250	60~300	80~400	100~500
Duty Cycle (%)	40(20)	40(20)	40	40	60
Weight (kg)	65(58)	74(66)	108(95)	125(105)	142
Protection Class	IP21S	IP21S	IP21S	IP21S	IP21S

Automatic Submerged ARC Welding Machine

Model	MZ630A01	MZ1000A01	MZ1250A01
Power Source (v)	380V,50HZ,3Phase	380V,50HZ,3Phase	380V,50HZ,3Phase
Rated Current (a)	630	1000	1250
Open Voltage (v)	75	84	84
Welding Range (a)	120~630	200~1000	250~1250
Duty Cycle (%)	100	100	60
Welding Speed (M/s)	0.6~1.5	0.5~2	0.5~2
Diameter of Wire (mm)	1.6~2.5	3.2~5	3.2~5



MZ1000A01

MIG Welding Machine



MIG151A01



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Model	MIG100A01	MIG130A01	MIG151A01
Main Voltage	230V	230V	230V
Absorbed Power	2.5KW	2.0KW	3.75KW
Mains Fuse	13A	11A	21A
Power Factor	0.83	0.8	0.78
No Load Voltage	31V	28V	36V
Adjustment Positions	2 Steps	4 Steps	4 Steps
Current Adjusting	65A / 90A	25A / 35A / 50A / 75A	30A / 50A / 75A / 105A
Range	Φ0.6mm / Φ0.8mm/Φ	Φ0.6mm / Φ0.8mm/Φ	Φ0.6mm / Φ0.8mm/Φ
Dia. Usable Wire	0.9mm	0.9mm	0.9mm
Duty Cycle	10% @90A; 20% @65A	15% @75A; 33% @50A; 69% @35A; 100% @25A	15% @105A; 30% @75A; 65% @50A; 100% @30A
Insulation Class	H	H	H
Protection Degree	IP21S	IP21S	IP21S

Welding Machine

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Semi Auto MIG/MAG Welding Machine



NB200B01

Model	NB200B01
Input Power Source	380V,50/60HZ,3Phase
Welding Steps	6
Duty Cycle	60%
Weldable Material	0.5-7mm
Feed Method	Push or pull
Weight	75kg
Applicable Wire Dia.	0.6,0.8,1.0mm
Dimensions	804*384*580mm

Remote control Electric proof AC ARC Welding Machine

FEATURE:

The no load voltage of this machine can reach 80-95V. It has the function of electroproof and adjusting currents in the distance. It is a very popular new product in the ship-building trade.

This machine is divided into three types; general purpose remote control type; high no load voltage and electroproof type; high no load voltage with remote control and electroproof type.

Semi Auto MIG/MAG ARC Welding Machine



NBC350A01

FEATURE:

SCR Welding source, provide reliable welding current; Less no-load loss efficiency and conserve energy. Steady arc tranquil molten pool, less Spatter; Portable wire feeder, easy to remove; Equipped with BINZEL welding torch, perfect welding guaranteed.

BXY500F01



Model	BXY500F01
Power Source	220V or 380V
Rated welding Current (a)	550
Open Voltage (v)	80
Welding Range (a)	100-500
Open Voltage of 1.3S after welding (v)	<24V
Remote knob working voltage	0-30V
Remote knob continued time	<1min
Duty Cycle (%)	60
Weight (kg)	240

Model	NBC200A01	NBC350A01	NBC500A01
Power Source	380V,50/60HZ, 3phase	380V,50/60HZ, 3phase	380V,50/60HZ, 3phase
Input Capacity	8.2	16.7	32.9
Rated Current	200	350	500
Working Voltage	24	31.5	39
Welding Range	60-200	70-350	100-500
Duty Cycle	60	60	60
Wire Feeder	SB-10	SB-10	SB-10
Applicable Wire Dia.	0.8,1.0,1.2	0.8,1.0,1.2	1.2,1.4,1.6
Length of Torch Cable	3	3	3

Inverter DC ARC Welding Machine

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Inverter DC ARC Welding Machine



ZXG160M01



ZXG160A01



ZXG160B01

Model	ZXG120M01	ZXG160M01	ZXG200M01
Power Source	220V	220V	220V
Open Voltage	56	56	56
Welding Range	10~120	10~160	10~200
Duty Cycle	35	60	60
Protection Class	IP21	IP21	IP21
Weight	4.5	8	9

Model	ZXG100A01/ ZXG100B01	ZXG140A01/Z XG140B01	ZXG160A01/Z XG160B01
Input Frequency	50 ~ 60HZ	50 HZ	50 HZ
Single-phase Input Voltage	230V or 110V	230V	230V
Max. Consumption Power	2.4kw/2.8KW	3.7KW	4.7KW
Efficiency	85%	85%	85%
Main Fuse	16A	75A	16A
Max No Load Voltage In DC	65V	65V	65V
Current Range In DC	5 ~ 85A	5 ~ 125A	5 ~ 150A
Duty Cycle Current At 60%	60A	75A	75A
Used Electrode Dia. In DC	1.6 ~ 2.5MM	1.6 ~ 3.2MM	1.6 ~ 4.0MM
Insulation Class	H	H	H
Protection Degree	IP21	IP21	IP21
The Machine Weigh	4.5KGS	4.5KGS	4.5KGS



ZXG220C01

FEATURE:
Inverter technology, light efficiency;
TIG/MMA two welding methods, convenient for switchover;
Most energy saving;
Easy to set and to maintainance;
Suitable for welding stainless steel, black steel, alloy steel and carbon steel;
Extra light, easy to remove, wide applications.

Model	ZXG150C01	ZXG180C01	ZXG200C01	ZXG220C01
Input Frequency	50 HZ	50HZ	50 HZ	50 ~ 60HZ
Single-phase Input Voltage	230V	230V	230V	230V
Max. Consumption Power	3.7KW	4.7KW	5.4KW	5.4KW
Efficiency	85%	85%	85%	85%
Main Fuse	16A	16A	16A	16A
Max No Load Voltage In DC	65V	65V	65V	65V
Current Range In DC	5 ~ 125A	5 ~ 150A	5 ~ 180A	5 ~ 200A
Duty Cycle Current At 60%	75A	90A	110A	120A
Used Electrode Dia. In DC	1.6 ~ 3.2MM	1.6 ~ 4.0MM	1.6 ~ 4.0MM	1.6 ~ 4.0MM
Insulation Class	H	H	H	H
Protection Degree	IP21	IP21	IP21	IP21
The Machine Weigh	8.5KGS	8.5KGS	9.5KGS	9.5KGS

Inverter Tig Welding Machine



TIG200R01

Model	TIG130R01	TIG160R01
Rated Input Voltage (v)	230	230
No-Load Voltage (v)	65	65
Curmt Range (amp)	5-130	5-160
Rated Duty (%)	20	20
Input Capacity (kw)	4.8	6.2
Insulation Class	H	H
Tungsten Electrodes Diameter (mm)	1.0-2.4	1.6-3.2

Model	TIG180R01	TIG200R01
Rated Input Voltage (v)	230	230
No-Load Voltage (v)	65	65
Curmt Range (amp)	10-180	10-200
Rated Duty (%)	20	20
Input Capacity (kw)	7.6	10
Insulation Class	H	H
Tungsten Electrodes Diameter (mm)	1.6-3.2	1.6-3.2

Model	LG20R01	LG30R01	LG40R01	LG20S01	LG30S01	LG40S01
Rated Input Voltage (v)	230	230	230	230	230	230
No-Load Voltage (v)	460	460	460	350	350	350
Current Range (amp)	5-20	5-30	5-40	5-30	5-30	5-40
Rated Duty (%)	35	35	35	35	35	35
Input Capacity (kw)	4	4.8	5.7	4.4	4.8	5.7
Insulation Class	H	H	H	H	H	H
Cutting Thickness	0.2-4	0.2-6	0.2-8	0.2-4	0.2-6	0.2-8
Air Pressure(mpa)	6	6	6	4	4	4



Inverter Air Plasma Cutting Maching



FEATURE:

Suitable for cutting stainless steel, alloy steel, carbon steel, aluminum alloy and copper;
Inverter technology, light weight, save energy, excellent cutting performance.

Model	LG30PS01	LG40PS01	LG60PS01	LG80PS01	LG100PS01
Power Source	220V, 1phase	220V, 1phase	380V, 3phase	380V, 3phase	380V, 3phase
Input Current	17	22.7	17.1	22.5	30
Adjusting Range	10~30	10~40	20~60	20~80	20~100
Working Method	Contact	Contact	Contact	Contact	Contact
Air Pressure	0.2-0.4	0.2-0.4	0.2-0.4	0.2-0.4	0.2-0.4
Cutting Capacity	8	12	25	32	35

AC & DC Inverter TIG/MMA ARC Welding Machine

Model	TIG160S01	TIG200S01	TIG250S01	TIG315S01	TIG400S01
Power Source	220V, 1phase	220V, 1phase	220V, 1phase	380V, 3phase	380V, 3phase
Rated Input Capacity	3.9KVA	4.3KVA	5.8KVA	13KVA	18KVA
Rated Output	160A	200A	250A	315A	400A
Adjusting Range	10~160A	10~200A	10~250A	20~315A	40~400A
Open Voltage	56V	56V	73V	73V	73V
Arc Strike Method	Contact & High Frequency	Contact & High Frequency	Contact & High Frequency	Contact & High Frequency	Contact & High Frequency
Pulse Time	/	/	/	0~0.95	0~0.95
Air-resistance Time	5S	5S	5S	0~25S	0~25S
Duty Cycle	60%	60%	60%	60%	60%
Cold Method	Fan Cooling	Fan Cooling	Fan Cooling	Fan Cooling	Fan Cooling

TIG160S01



FEATURE:

Inverter technology, light efficiency;

Light to move, most energy saving;

Wide applications: shipbuilding, suitable for welding stainless steel, black steel, carbon steel, alloy steel, aluminum

Model	WSE200S01	WSE315S01	WSE400S01
Power Source	220V, 1 phase	380V, 50HZ, 3 phase	380V, 50HZ, 3 phase
Rated Input	4.4KVA	12.7KVA	18.3KVA
Capacity	35%(DC), 60%(AC)	35%(DC), 60%(AC)	35%(DC), 60%(AC)
Duty Cycle	20~200A	20~315A	20~2400A
Welding range	Contact & High	Contact & High	Contact & High
Arc strike method	Frequency	Frequency	Frequency
Open Voltage	56V	60-80V	60-80V
AC frequency	20-100HZ	20-100HZ	20-100HZ
SP	10%90%	10%90%	10%90%



WSE315S01

Welding & Cutting Outfit

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CW36H02

1. OXYGEN REGULATOR 1SET
2. ACETYLENE REGULATOR 1SET
3. CUTTING ATTACHMENT 1PC
4. CUTTING HANDLE 1PC
5. CUTTING NOZZLE 2-1-101 1PC
6. MIXER 1PC
7. HEATING TIP & HEATING PIPE 1SET
8. WELDING PIPE 1#, 2#, 3# 1PC/EACH
9. TIP CLEANER 1PC
10. GAS WELDING GOGGLE 1PC
11. SPARK LIGHTER 1PC
12. 5PCS FLINTSTONE 1SET
13. TWIN COLOUR RUBBER HOSE WITH CONNECTOR 1ROLL (4.5M/ROLL)



CW20H03

1. OXYGEN REGULATOR 1SET
2. ACETYLENE REGULATOR 1SET
3. CUTTING ATTACHMENT 1PC
4. CUTTING HANDLE 1PC
5. CUTTING NOZZLE 2-1-101 1PC
6. WELDING PIPE WITH NUT 1# 1PC
7. TIP CLEANER 1PC
8. GAS WELDING GOGGLE 1PC
9. SPARK LIGHTER 1PC
10. TWIN COLOUR RUBBER HOSE WITH CONNECTOR 1ROLL (4.5M/ROLL)



CW22H01

1. OXYGEN REGULATOR 1SET
2. ACETYLENE REGULATOR 1SET
3. CUTTING ATTACHMENT 1PC
4. CUTTING HANDLE 1PC
5. CUTTING NOZZLE 2-1-101 1PC
6. HEATING TIP & HEATING PIPE WITH NUT 1SET
7. WELDING PIPE WITH NUT 1#, 2#, 3# 1PC/EACH
8. TIP CLEANER 1PC
9. GAS WELDING GOGGLE 1PC
10. SPARK LIGHTER 1PC
11. TWIN COLOUR RUBBER HOSE WITH CONNECTOR 1ROLL (4.5M/ROLL)



CW21M02

1. OXYGEN REGULATOR 1SET
2. ACETYLENE REGULATOR 1SET
3. CUTTING ATTACHMENT 1PC
4. CUTTING HANDLE 1PC
5. CUTTING NOZZLE 2-3-101 1PC
6. MIXER 1PC
7. HEATING TIP & HEATING PIPE 1SET
8. WELDING PIPE 1#, 2#, 3# 1PC/EACH
9. TIP CLEANER 1PC
10. GAS WELDING GOGGLE 1PC
11. SPARK LIGHTER 1PC
12. TWIN COLOUR RUBBER HOSE WITH CONNECTOR 1ROLL (4.5M/ROLL)



CW23M01

1. OXYGEN REGULATOR 1SET
2. ACETYLENE REGULATOR 1SET
3. CUTTING ATTACHMENT 1PC
4. CUTTING HANDLE 1PC
5. CUTTING NOZZLE 6290-2 1PC
6. MIXER 1PC
7. HEATING TIP & HEATING PIPE 1SET
8. WELDING PIPE 1#, 2#, 3# 1PC/EACH
9. TIP CLEANER 1PC
10. GAS WELDING GOGGLE 1PC
11. SPARK LIGHTER 1PC
12. TWIN COLOUR RUBBER HOSE WITH CONNECTOR 1ROLL (4.5M/ROLL)



CW22M03

1. OXYGEN REGULATOR 1SET
2. ACETYLENE REGULATOR 1SET
3. CUTTING ATTACHMENT 1PC
4. CUTTING HANDLE 1PC
5. CUTTING NOZZLE 2-3-101 1PC
6. MIXER 1PC
7. HEATING TIP & HEATING PIPE 1SET
8. WELDING PIPE 1#, 2#, 3# 1PC/EACH
9. TIP CLEANER 1PC
10. GAS WELDING GOGGLE 1PC
11. SPARK LIGHTER 1PC
12. TWIN COLOUR RUBBER HOSE WITH CONNECTOR 1ROLL (4.5M/ROLL)



CW24A01

1. OXYGEN REGULATOR 1SET
2. ACETYLENE REGULATOR 1SET
3. CUTTING ATTACHMENT 1PC
4. CUTTING HANDLE 1PC
5. CUTTING NOZZLE 8#, 10#, 12# 1PC/EACH
6. MIXER 1PC
7. WELDING PIPE 1#, 2#, 3#, 4#, 5# 1PC/EACH
8. TIP CLEANER 1PC
9. GAS WELDING GOGGLE 1PC
10. SPARK LIGHTER 1PC
11. TWIN COLOUR RUBBER HOSE WITH CONNECTOR 1ROLL (4.5M/ROLL)



CW34H04

1. CUTTING TORCH 1PC
2. CUTTING NOZZLE 6290NX-1#, 2#, 3# 1PC/EACH
3. ONE SET CUTTING STRAIGHT OR CIRCLE EQUIPMENT PACKED IN ONE GREY OR BLUE PLASTIC BOX .

NOTE: IT ALSO CAN PUT :TIP CLEANER, GAS WELDING GOGGLE, SPARK LIGHTER OR FLASHBACK ARRESTOR .



CW28E01

NEW



CW15H01

- Using Oxygen, Acetylene, Propane.
- Cutting capacity: 3-100mm, welding capacity:0.5-30mm.
- Difficult style blowhole desing for safe.
- Elliptical aluminium handle for comfortable use.
- Flashback arrestor and built-in reverse flow check valve.
- Steel case is impact resistant for maximum durability and service life.



CW14M10

- Using oxygen and acetylene.
- Suitable for shipping construction,mechanical industries.
- Middle typed knockdown welding and cutting torch, and copper regulator.
- Cutting capacity: 3-20mm, welding capacity:0.5-6mm.
- Collaborated with large welding nozzle with welding depth up to 32mm, and cutting nozzle with the cutting depth up to 150mm.
- Made form top-class forged copper.
- Flashback arrestor and built-in reverse flow check valve.
- Flashback acetylene and patented built-in reverse flow check valves. Soiled brass and stainless steel construction providing You years of trouble free service.



CW11M11

- Using oxygen and acetylene
- Suitable for shipping construction,building,mechanical industries,etc.
- LXG-80V torch middle typed knockdown welding and cutting torch, and copper regulator.
- Collaborated with large welding nozzle with welding depth up to 32mm, and cutting nozzle with the cutting depth up to 150mm.
- Cutting capacity: 3-20mm, welding capacity:0.5-6mm.
- Jet head and body of the cutting torch/body and housing cap of regulator are machined form DIE casting class a brass bar stock.
- Flashback arrestor and built-in reverse flow check valve.
- Flashback acetylene and patented built-in reverse flow check valves. Soiled brass and stainless steel construction providing you years of trouble free Service.

NEW



CW13S10

- Using oxygen and acetylene.
- Cutting capacity from 3-60mm, and welding capacity from 0.5-14mm.
- Divided pipe
- Al handles.
- Switch piece convenience operation.
- Steel iron box.
- Packing: 320mm*200mm*70mm



AR-195L



AR-198L



F-191



O-60T



O-50Y



A-50Y



O-60Y



A-60Y



O-55T



A-55T



O-551Y



A-551Y



O-65P1



A-65P1



O-65

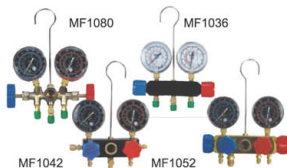


A-65

Model	O-65P1	A-65P1	O-65	A-65	O-50Y	A-50Y	O-60T	O-60Y	A-60Y	O-55T	A-55T	O-551Y	O-551Y	A-511Y
Gas service	O ₂	AC	O ₂	AC	O ₂	AC	O ₂	O ₂	AC	O ₂	AC	O ₂	O ₂	AC
Max inlet pressure (mpa)	23	2	23	20	15	1.6	23	23	2	23	2	23	23	2
Max outlet pressure (mpa)	1	0.1	1.6	0.15	1	0.1	1	1	0.15	1	0.15	1	1	0.15
Max flow (m ³ /h)	30	5	40	5	30	5	30	30	5	30	5	30	30	5
Inlet connection	G5/8	G5/8	G5/8	G5/8-LH	G5/8	G5/8-LH	G5/8	G5/8	G5/8-LH	G5/8	G5/8-LH	G5/8	G5/8	G5/8-LH
Outlet connection	9/16"-18	9/16"-18LH	G3/8	G3/8-LH	M16*1.5	M16*1.5-LH	G3/8	G3/8	G3/8-LH	G3/8	G3/8-LH	G3/8	G3/8	G3/8-LH

Model	AR-195L	AR-198L	F-191L-25	F-191L-25	F-191L-80	F-191L-30	F-191L-30	F-191L-100
Gas service	AR	AR	CO ₂	AR	HE	N ₂	AIR	H ₂
Max inlet pressure (mpa)	15	15	25	25	25	25	25	25
Max outlet pressure (mpa)	0.35	0.35	/	/	/	/	/	/
Max flow (m ³ /h)	25	25	0-1.5	0-1.5	0-4.8	0-1.8	0-1.8	0-6
Inlet connection	G5/8	G5/8	G5/8-RH (F)	G5/8-RH (F)	G5/8-RH (F)	G5/8-RH (F)	G5/8-RH (F)	W21.8-14LH (M)
Outlet connection	M16*1.5	M16*1.5	M16-1.5RH (M)	M16-1.5RH (M)	M16-1.5RH (M)	M16-1.5RH (M)	M16-1.5RH (M)	M16-1.5RH (M)

Manifold & Hoses



MF1042

Anodized aluminum block
Color Coded pink for R-410A
One full turn open/close valves
Industrial grade brass fittings
80mm/3.5" Liquid filled gauges
available

MF1052

Anodized aluminum block body
One full turn open/close valve
Oversized sightglass for easy viewing
Excellent vacuum characteristics
No-flutter gauge design
Easy-to-grip knobs

MANUAL COUPLERS 14mm

SNAP COUPLEERS 14"SAE



F1,F2

The couplers include latching balls to provide superior service port alignment cross pin valve depressor control and a safety sleeve to prevent accidental refrigerant. Manual style, 6 Balls SAE, Thread

F3

Many air conditioner injectors use the quick connect snap style for the low side dye/oil application. Push on snap style, 4 Balls, Thread 1/4" SAE.

Truck Service Manifolds Gauge Set



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1/4" STANDARD HOSES COLORED



H3

LENGTH

3'-90cm, 4'-120cm, 5'-150cm, 6'-180cm, 8'-240cm, 10'-300cm

VP3/8D01



VP3/8A01



NEW

VP1/3E02



VP1/3CV02



VP3/4C02



Model	Voltage	Free air displacement	Ultimate vacuum	Motor	Rotating speed	Intake fitting	Oil capacity
VP3/8A01	220V/50HZ;110V/60HZ	6CFM/7CFM	10PA(75Microns)	3/8HP	1440r/min;1720r/min	1/4SAE;1/2Acme	250ml
VP3/8D01	220V/50HZ;110V/60HZ	6CFM/7CFM	10PA(75Microns)	3/8HP	1440r/min;1720r/min	1/4SAE;1/2Acme	250ml
VP3/4C02	220V/50HZ;110V/60HZ	6CFM/7CFM	6.7*10-2Pa/6.7*10-1Pa	3/4HP	1440r/min;1720r/min	1/4SAE;1/2Acme;5/8SAE	480ml
VP1/3E02	220V/50HZ;110V/60HZ	4CFM/5CFM	5*10-1Pa(50Microns)	1/3HP	2800r/min;3360r/min	1/4SAE;1/2Acme	250ml
VP1/3CV02	220V/50HZ;110V/60HZ	2CFM/2.3CFM	5*10-1Pa(50Microns)	1/3HP	1440r/min	1/4SAE;1/2Acme	250ml



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Heating & Cutting Torch

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Heating Torch



HT-10



HT-25



HT-11



HT-13



HT-15



HT-16



HT-19



HT-24



HT-10B

Cutting Torch



CT200G02



CT250G02



CT350G02



CT247G03



CT550G01



CT440G01



CT150G01



CT520G01



CT400G02



WT6A01



WT6B01



WT6C01



WT6E01



WT602



WT6A02



WT6B02



WT6C02



WCT400G01

Flashback Arrestor

for Regulator

for Hose

for Torch

for Torch



FA-01R
Acetylene Oxygen



FA-02H
Acetylene Oxygen



FA-03T
Acetylene Oxygen



FA-04T
Oxygen Acetylene

Welding Nozzle

Item No.	Picture	Style	Nozzles Size	Gas
WN-01		—	1#,2#,3#,4#,5#,6#,7#,40,63,100,150,250,315	Acetylene
WN-02		ordinary	1#,2#,3#	Acetylene
WN-03		—	1#,2#,3#,4#,5#,6#	L.P.G.
WN-04		—	0#,1#,2#,3#,4#,6#,8#,10#	Acetylene
WN-05		—	2N,4N,6N,8N,10N	L.P.G.
WN-06		—	HA	Acetylene
WN-07		—	HN	L.P.G.
WN-08		—	1#,2#,3#,4#,5#,6#,7#,40,63,100,150,250,315	Acetylene

Cutting Nozzles & Cable Joint

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Cutting Nozzles

Item No.	Picture	Style	Nozzles Size	Gas
CN-03		"M"	1#,2#,3#	L.P.G.
CN-04		"M"	1#,2#,3#	Acetylene
CN-05		"A"	1#,2#,3#	L.P.G.
CN-06		"A"	1#,2#,3#	Acetylene
GO2-S		ANM	1/32,3/64,1/16, 5/64,3/32,1/8	Acetylene
GO3-S		PNM	1/32,3/64,1/16, 5/64,3/32,1/8	L.P.G.
GO2-E		ANME	1/32,3/64,1/16, 5/64,3/32,1/8	Acetylene
GO2		ANME	1/32,3/64,1/16, 5/64,3/32,1/8	Acetylene
GO3		PNME	1/32,3/64,1/16, 5/64,3/32,1/8	L.P.G.
GO2-B		AGNM	—	Acetylene
GO2-D		ASNM	1/8,3/16,1/4	Acetylene
G1-A		—	10/10,16/10,20/10, 25/10,30/10	Acetylene
G1-P		—	10/10,16/10,20/10, 25/10,30/10	L.P.G.
CN-07		—	6#,8#,10#,12#, 15#,20#,24#,32#	Acetylene
CN-08		—	6#,8#,10#,12#, 15#,20#,24#,32#	Acetylene
CN-07-P		—	6#,8#,10#,12#, 15#,20#,24#,32#	L.P.G.
CN-09		1-101	0#,1#,2#,3#	Acetylene
CN-09-P		GPN	0#,1#,2#,3#	L.P.G.
CN-10		3-101	0#,1#,2#,3#,4#	Acetylene
CN-10-P		3GPN	0#,1#,2#,3#,4#	L.P.G.
CN-11		—	1#,2#,3#	Acetylene

Cable Joint



Auto Darkening Welding Helmet



WH01F00



WH02F03



WH03F03

Model	Glass size (mm)	Switch time light to dark	Switch time dark to light (ms)	Shade (s)	Operating temperature (°C)	Weight (g)
WH01F00	110*90	-	-	-	-5~+55	-
WH02F03	96*42	0.1	0.1-0.5	DIN4/9-13	-5~+55	105
WH03F03	96*42	0.1	0.1-0.5	DIN4/9-13	-5~+55	105



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Model	Glass size (mm)	Switch time light to dark	Switch time dark to light (ms)	Shade (s)	Operating temperature (°C)	Weight (g)
F01	96*42	0.1	0.1-0.5	DIN4/9-13	-5~+55	122
F03	96*42	0.1	0.1-0.5	DIN4/9-13	-5~+55	45
F05	88*34	0.1	0.1-0.5	DIN3/9-10(11)	-5~+55	45

Cutting Nozzles

Item No.	Picture	Style	Nozzles Size	Gas
CN-12		—	1#, 2#, 3#	L.P.G.
CN-13		6290	00#, 0#, 1#, 2#, 3#	Acetylene
CN-14		6290-N	00#, 0#, 1#, 2#, 3#	L.P.G.
CN-15		AFN	1/32, 1/16, 3/64	Acetylene
CN-16		—	1#, 2#, 3#, 4#	Acetylene
CN-17		—	1#, 2#, 3#, 4#, 5#	Acetylene
CN-18		—	1#, 2#, 3#, 4#, 5#	L.P.G.
CN-19		—	0#, 1#, 2#, 3#, 4#, 5#	Acetylene

Cable Joint

J25MB01



J50MB01



J95MB01



J70MB01

J25MB02

J50MB02

J70MB02



J95MB02



J70MB03



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Electrode Holder

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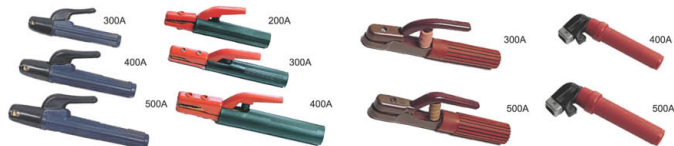


H352A

H352B

H352C

H352D

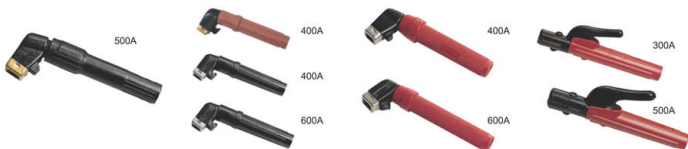


H353A

H354A

H356A

H358



H358A

H358B

H358C

H360



H354B

H354C

H360C



WG180S01
 WG200S01
 WG350S01
 WG500S01



WG180001
 WG200001
 WG350001
 WG500001



WG200B01
 WG250B02
 WG250B01
 WG350B02
 WG500B02



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WG250C01
 WG500C01

FEATURE:

CO2 gas shielded, high efficiency, strong arc penetrability, small deformation, high current density, concentrated heat quality and small heat area. When welding low alloy but high strength steel, cooling crack is small, and easily operates. With good quality, advanced tech, and competitive price, this kind of welding gun can match with all kinds of CO2 welders.

Model	Rated current (a)	Rated duty cycle (%)	Cooling mode	Dia of suitable welding wire (Φmm)	N.W (kg)	Length (m)
WG180S01	180	60	pneumatic Cooling	0.6-0.9	1.7	3
WG200S01	200	60	pneumatic Cooling	0.6-1.2	1.9	3
WG350S01	350	60	pneumatic Cooling	0.6-1.4	2.8	3
WG500S01	500	60	pneumatic Cooling	0.6-1.6	3.6	3
WG200B01	200	60	pneumatic Cooling	0.8, 1.0	1.7	3-5
WG250B02	250	60	pneumatic Cooling	0.8, 1.2	1.9	3-5
WG250B01	250	60	pneumatic Cooling	0.8, 1.2	2.8	3-5
WG350B02	350	60	pneumatic Cooling	0.8, 1.2	3.6	3-5
WG500B02	500	60	pneumatic Cooling	0.8, 1.6	4.9	3-5
WG180001	188	60	pneumatic Cooling	0.6, 0.8	\	3
WG200001	200	60	pneumatic Cooling	0.8, 0.9, 1.0, 1.2	\	3, 4
WG350001	350	60	pneumatic Cooling	0.9, 1.0, 1.2, 1.4	\	3, 4, 6
WG500001	500	60	pneumatic Cooling	1.2, 1.4, 1.6	\	3, 4, 6
WG250C01	250	60	pneumatic Cooling	0.6, 1.2	\	3
WG500C01	500	60	pneumatic Cooling	0.8, 1.6	\	3, 4

Plasma Cutting Torch

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CT40A01 (40 amp)



CT100B01 (100 amp)



CT100C01 (100 amp)



CG60D01 (60 amp)



CT100E01 (100 amp)



CT100F01 (100 amp)



CT100G01 (100 amp)



CT160H01 (160 amp)



CT40I01 (40 amp)



CT60J01 (60 amp)



CT100K01 (100 amp)



CT160L01 (160 amp)



CT100M01 (100 amp)



CT80N01 (80 amp)



CT50O01 (50 amp)



CT80P01 (80 amp)



CT80Q01 (80 amp)



CT90R01 (90 amp)



CT60S01 (60 amp)



CT100T01 (100 amp)



WT125A01
 125A Rated current
 60% Rated duty cycle
 Stoop pneumatic Cooling



WT125B01
 125A Rated current
 60% Rated duty cycle
 SFlexible torch head Stoop pneumatic Cooling



WT125C01
 125A Rated current
 60% Rated duty cycle
 Stoop pneumatic Cooling With valve



WT125D01
 125A Rated current
 60% Rated duty cycle
 Flexible torch head Stoop pneumatic Cooling with valve



WT125E01
 125 A Rated current
 60% Rated duty cycle
 Straight pneumatic Cooling



WT150F01
 150A Rated current
 60% Rated duty cycle
 Stoop water Cooling



WT150G01
 150 A Rated current
 60% Rated duty cycle
 Flexible torch head Stoop water Cooling



WT150H01
 125A Rated current
 60% Rated duty cycle
 Stoop water Cooling With valve



WT250A01
 250A Rated current
 60% Rated duty cycle
 Stoop pneumatic Cooling



WT250B01
 250A Rated current
 60% Rated duty cycle
 Stoop pneumatic Cooling With valve



WT250C01
 250A Rated current
 60% Rated duty cycle
 Stoop pneumatic Cooling With valve



WT250D01
 250A Rated current
 60% Rated duty cycle
 Flexible torch head Stoop pneumatic Cooling with valve



WT250E01
 250A Rated current
 60% Rated duty cycle
 Straight pneumatic Cooling



WT350F01
 350A Rated current
 60% Rated duty cycle
 Stoop water Cooling



WT350G01
 350A Rated current
 60% Rated duty cycle
 Flexible torch head Stoop water Cooling



WT350H01
 350A Rated current
 60% Rated duty cycle
 Stoop water Cooling With valve



WT350I01
 350A Rated current
 60% Rated duty cycle
 Flexible torch head Stoop water Cooling with valve pneumatic Cooling



WT350E01
 350A Rated current
 60% Rated duty cycle
 Straight water Cooling



WT250F01
 250A Rated current
 60% Rated duty cycle
 Denaturalization water-cool



WT250G01
 250A Rated current
 60% Rated duty cycle
 Flexible torch head Stoop water Cooling



WT250H01
 250A Rated current
 60% Rated duty cycle
 Stoop water Cooling With valve



WT250I01
 250A Rated current
 60% Rated duty cycle
 Flexible torch head Stoop water Cooling with valve



WT250E02
 250A Rated current
 60% Rated duty cycle
 Straight water Cooling



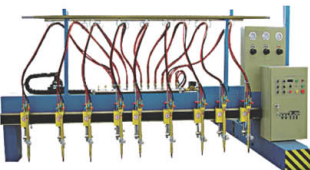
WT250E03
 180A Rated current
 60% Rated duty cycle
 Straight water Cooling

Light Steel Welding Production Line

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Multi-Head Strip Cutting Machine



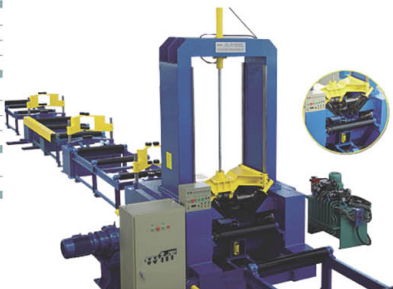
Gauge	4000mm	3000mm
Width of cutting	80-3300mm	80-2300mm
Length of gauge	15000mm	
Effective stroke	12500mm	
Cutting speed	0.1-1m/min	
TYransverse Cutting gun	one set	
Longitudinal Cutting gun	9 sets, deployed according to the need	
Overall power	0.4kw	0.4kw

The vertical combined machine which the flange plate, web plate, fastening and calibrating, positioning, and auto spot welding equipped, all of which accept the Japanese Mitsubishi programmable controller and the AC frequency converter so as to increase the productivity one times above comparing with common products, with the features of stable and reliable working state and the welding gun is equipped by the arc-tracing device to ensure the quality of spot welding.

Vertical Combined Machine

Size of the web	
Height	200-1500mm
Thickness	6-32mm
Length	4000-15000mm
Size of the flange	
Width	200-800mm
Thickness	6-40mm
Length	4000-15000mm
Assembling speed	0.5-6m/min
Power Overall	Two welding machines are excluded

The vertical combined machine which the flange plate, web plate, fastening and calibrating, positioning, and auto spot welding equipped, all of which accept the Japanese Mitsubishi programmable controller and the AC frequency converter so as to increase the productivity one times above comparing with common products, with the features of stable and reliable working state and the welding gun is equipped by the arc-tracing device to ensure the quality of spot welding.



H-type Steel Auto Welding Machine

Height of web plate	200-1200mm
width of flange plate	200-800mm
Model of welder	two sets of model MZ-1-1000 auto Submerged-arc welder
Form of welding	boat-type welding
Welding speed	0.15-1.0m/min
Return ing speed	3m / min
Gauge	4000mm
Gas pressure	0.2-0.8Mpa
Overall Power	10kw (excluding the welder)

The auto-welding machine for H-type steel accepts the AC frequency conversion speed-changing mechanism with the merits of stable and reliable running and quick stroke returning. It use the arc-auto tracing & calibrating mechanism to ensure the welding gun being auto operating and calibrating correctively to the target working piece. Meanwhile, it is equipped by the auto welding flux delivering and collecting system, easy operating with high effectiveness.





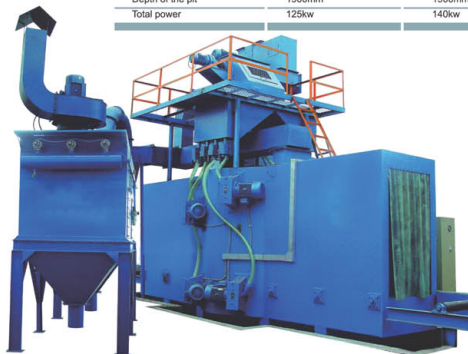
H-Type Steel Flange Straightening Machine

This machine is a special equipment for leveling the H-type steel flange plates which its figure was deformed when it being welded. It has the feature of easy operating, high efficiency, reliable working etc.

width of flange plate	150-600	200-800
Thickness of Flange Plate	≤20mm	≤40mm
Min height of web plate	160mm	350mm
Material	Q235A	Q235A
Speed of leveling	8.5m/min	18m/min
Power of over all machine	7kw	25kw

H-type Steel Shot Blasting and Cleaning Machine

Section(width*height)	800*1600mm	1000*1600mm	1200*2000mm
Length of the Work-piece	3000*12000mm	3000*15000mm	3000*15000mm
Cleanless of the surface	A-B Sa2~Sa2-1/2	A-B Sa2~A-B Sa2-1/2	A-B Sa2~A-B Sa2-1/2
Roughness of the surface	15~50μm	15~50μm	15~50μm
Quan	8	8	8
Quan of shot-blasting	4*200kg/min	8*200kg/min	8*220kg/min
Power	8*11kw	8*11kw	8*15kw
Allowable load	200kg/m	1000kg/m	1000kg/m
conveying speed	0.5-5/min	0.5-5/min	0.5-5/min
Ventilation capacity	18000m3/h	18000m3/h	18000m3/h
Circulating quan of the shots	120T/h	120T/h	120T/h
Nominal Size	6770*2900*3150mm	7895*2985*3460mm	7895*3200*3760mm
Depth of the pit	1900mm	1900mm	1900mm
Total power	125kw	140kw	175kw



H-beam shot-blasting and cleaning machine with HGP continuous rolling series is researched and developed in accordance with the features of the steel structure. The machine is adopted with computer 3-dimension dynamic simulating design to locate the position of the shot-blasting machine. The machine is equipped with a highly efficient filter-barrel pulse back-blowing dust.

Powder Extinguisher

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PE01EN01



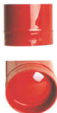
PE12CE01



Model	High- approx (mm)	Shell- approx dia (mm)	Capacity (l)	weight full-approx (kg)	discharge time-approx (s)	test pressure (bar)	working pressure (bar)	fire rating 85%ABC powder	fire rating 50%ABC powder	temperature range (°C)
PE01CE01/PE01EN01	270	85	1.25	2.40	9	27	14	8A/55B/C	5A/34B/C	-30~+60
PE02CE01/PE02EN01	317	110	2.5	4.1	11	27	14	13A/89B/C	8A/55B/C	-30~+60
PE03CE01	331	125	3.6	5.6	12	27	14	21A/113B/C	13A/89B/C	-30~+60
PE04CE01	399	140	5.0	7.0	15	27	14	27A/144B/C	21A/113B/C	-30~+60
PE06CE01/PE06EN01	422	162	7.5	9.8	17	27	14	43A/233B/C	27A/183B/C	-30~+60
PE09CE01	489	184	11.25	14.20	20	27	14	55A/233B/C	34A/233B/C	-30~+60
PE12CE01/PE12EN01	581	184	13.5	18.0	22	27	14	55A/233B/C	43A/233B/C	-30~+60



PE09CE02



PE09CE03



Model	High-approx (mm)	shell-approx dia (mm)	capacity (l)	weight full-approx (kg)	discharge time-approx (s)	test pressure (bar)	working pressure (bar)	fire rating 85%ABC powder	fire rating 50%ABC powder	temperature range (°C)
PE01CE02	270	78	1.03	2.43	9	27	14	8A/55B/C	5A/34B/C	-30~+60
PE02CE02	336	110	2.50	4.13	11	27	14	13A/89B/C	8A/55B/C	-30~+60
PE03CE02	347	140	4.0	5.61	12	27	14	21A/113B/C	13A/89B/C	-30~+60
PE04CE02	410	140	5.0	6.90	15	27	14	27A/144B/C	21A/113B/C	-30~+60
PE06CE02	440	162	7.5	9.70	17	27	14	43A/233B/C	27A/183B/C	-30~+60
PE09CE02	517	184	11.25	14.05	20	27	14	55A/233B/C	34A/233B/C	-30~+60
PE01CE03	280	85	1.25	2.42	9	27	14	8A/55B/C	5A/34B/C	-30~+60
PE02CE03	327	110	2.50	4.05	11	27	14	13A/89B/C	8A/55B/C	-30~+60
PE03CE03	341	140	4.0	5.52	12	27	14	21A/113B/C	13A/89B/C	-30~+60
PE04CE03	405	140	5.0	6.90	15	27	14	27A/144B/C	21A/113B/C	-30~+60
PE06CE03	427	162	7.5	9.30	17	27	14	43A/233B/C	27A/183B/C	-30~+60
PE09CE03	494	184	11.25	13.90	20	27	14	55A/233B/C	34A/233B/C	-30~+60



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PE12CE04



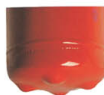
PE12CE05



Model	high-approx (mm)	shell-approx dia (mm)	capacity (l)	co2 cartridge (g)	discharge time-approx (s)	fire rating 85%ABC powder	fire rating 50%ABC powder
PE06CE04/PE06CE05	428	162	7.50	120	17	43A/233B/C	27A/183B/C
PE09CE04/PE09CE05	495	184	11.25	180	18	55A/233B/C	34A/233B/C
PE12CE04/PE12CE05	587	184	13.5	250	20	55A/233B/C	43A/233B/C
PE06CE06/PE06CE07	436	162	7.27	120	17	43A/233B/C	27A/183B/C
PE06CE06/PE09CE07	501	184	10.76	180	18	55A/233B/C	34A/233B/C
PE12CE06/PE12CE07	573	184	12.70	250	20	55A/233B/C	43A/233B/C

Foam Extinguisher

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FE09EN01

FE09CE01

Model	High- approx (mm)	shell- approx dia (mm)	capacity (l)	weight full-approx (kg)	discharge time-approx (s)	test pressure (bar)	working pressure (bar)	Fire rating	temperature range (°C)
FE01CE01	270	85	1.25	2.50	15	27	12	5A/21B	0~+60
FE02CE01	317	110	2.50	4.18	16	27	12	8A/34B	0~+60
FE03CE01	336	140	4.00	5.75	20	27	12	8A/55B	0~+60
FE06CE01	448	162	7.7	10.20	20	27	12	13A/144B	0~+60
FE09CE01	519	184	11.9	14.70	28	27	12	21A/183B	0~+60
FE06EN01	448	162	7.70	10.20	20	27	12	13A/144B	0~+60
FE09EN01	519	184	11.90	14.70	28	27	12	21A/173B	0~+60

Water Extinguisher



WE09C101

CO2 Extinguisher



CE09CE01

Model	high-approx (mm)	shell-approx dia (mm)	capacity (l)	weight full-approx(kg)	weight full-approx(kg)	discharge time-approx(s)	test pressure (bar)	working pressure at 20°C (bar)	fire rating	temperature range (°C)
WE06CE01	448	162	7.70	10.20	10.20	30	27	12	8A	0~+60
WE09CE01	519	184	11.90	14.70	14.70	40	27	12	13A	0~+60

model	high-approx (mm)	shell-approx dia (mm)	capacity (l)	cylinder weight (kg)	cylinder weight (kg)	weight full-approx (kg)	test pressure (bar)	working pressure at 20°C (bar)	Material
CE01.3CE01	300	114	2.00	4.25	4.25	6.28	250	166	CK45
CE02CE01	420	114	3.00	5.60	5.60	8.33	250	166	CK45
CE02.3CE01	470	114	3.45	6.25	6.25	9.28	250	166	CK45
CE03CE01	590	114	4.50	7.70	7.70	11.43	250	166	CK45
CE04.5CE01	520	152	6.75	12.00	12.00	17.76	250	166	CK45
CE05CE01	570	152	7.50	12.90	12.90	19.16	250	166	CK45
CE06CE01	670	152	9.00	14.90	14.90	22.36	250	166	CK45
CE06.8CE01	745	152	10.20	16.40	16.40	24.76	250	166	CK45
CE09CE01	955	152	13.50	21.00	21.00	31.82	250	166	CK45

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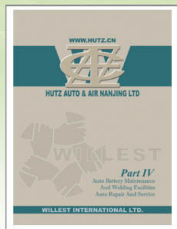
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