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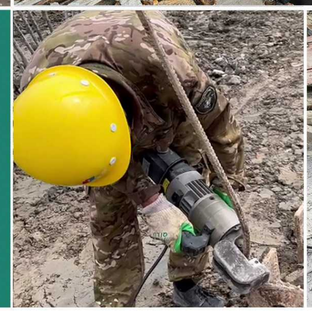
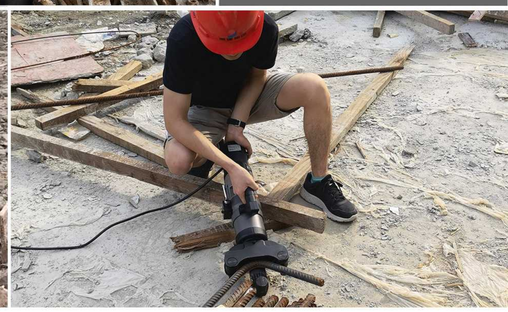
CONSTRUCTION MACHINERY PRODUCTS CATALOG



MANUFACTURERS OF LIGHTWEIGHT ELECTRIC HYDRAULIC TOOLS & PROVIDERS OF HYDRAULIC SYSTEM INTEGRATION SOLUTIONS

欧盾科技
ODE TECHNOLOGY

COMPANY PROFILM

40,000m²
PLANT AREA

200+pps
PROFESSIONAL TEAM

15yrs
R&D EXPERIENCE

10yrs
OEM/ODEM EXPERIENCE



ODE Technology Co., Ltd. originated in 2007. As a national high-tech enterprise, the company has been focusing on the research and development of lightweight electrohydraulic transmission integration technology, bringing more advanced electrohydraulic technology experience to all walks of life.

The company has always adhered to the concept of stable operation, continuous innovation and open cooperation, and has a strict quality management system. Its products have passed domestic and international certification, such as CFFF, CE, RoHS, etc.

Over the years, the company has developed and produced various electrohydraulic technology products such as energy-saving, environment-friendly, precise and portable electric, pneumatic, mobile and hybrid power construction machinery, portable intelligent construction tools, emergency rescue equipment, hydraulic fitness equipment, and one-stop solutions related to electrohydraulic technology in all walks of life.

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The team of the company has worked hard to respond to customers quickly with customer focus and quality as the root, to provide effective solutions in a timely manner, to create value for customers for a long time, and to provide product sales and technical services for customers at home and abroad. The company has strong R&D strength and, as a cooperative R&D base of colleges and universities, jointly develops top technologies in the industry.

The company team is good at quickly providing portable and intelligent construction supporting solutions and building a world-class MRO one-stop comprehensive service provider for portable and intelligent tools.

VISION

Become the world's leading manufacturer of lightweight electric hydraulic tools and provider of hydraulic system integration solutions.

MISSION

Provide efficient and energy-saving electro-hydraulic integrated solutions and products for all walks of life.

VALUES

Integrity First, Quality First.
Service oriented, customer first.
People oriented, talent first.

CERTIFICATE DISPLAY

The product has CE, RoHS and other certificates.













SGS CE RoHS

2007
Introduced hand-held 18V electric hydraulic tools. BELTON INDUSTRERGROUP was established.

2010
Hangzhou ODE Electromechanical Co., Ltd. was established.

2011
R&D and production of 220V lightweight portable construction machinery product line blue machine series.

2013
R&D and production of hydraulic demolition tool product line and establishment of BELTON fire rescue business department.

2016
R&D and production of independent plunger pump design with pump body separation structure, R&D and production of 220V brushless electric hydraulic tools and related products.

2018
It was renamed ODE Technology Co., Ltd. and was awarded the National High tech Enterprise.
Research and develop 220V brushless electrohydraulic technology and 28V lightweight high-performance.

2019
The enterprise has passed the "standard implementation" and ISO90001 series certification, and developed and produced DC brushless 28V products to supply army equipment products.

2021
It won the 3rd prize of Zhejiang Provincial Technological Invention Award in 2020 and the honor of gazelle enterprise in Zhejiang Province.
R&D and production of high-performance lightweight electric hydraulic tool series products, breaking new records in the industry and establishing BELTON fire rescue business department.

2022
R&D and production of 48V electric hydraulic tool king series product line, R&D and production of motor part and machinery independent separation technology.

2023
The project of Ode Hydraulic Industrial Park was completed, and applied to pass the national electric hydraulic technology research and development center to establish members Shared factory system.



NRB-22E



NRB-25E



NRB-28E



NRB-32E



NRB-36E



NRB-40E

Single hand portable steel bar bending machine, future series. The 3s bending effect is formed, the steel casting tong head is more durable, and the power is more powerful when the power is above 1000W. It can bend a variety of materials and be used in a variety of places. It is convenient, efficient, safe and reliable. (with straightening head, which can be replaced for bending and straightening and can be used for one machine and two purposes)

MODEL	NRB-22E	NRB-25E	NRB-28E	NRB-32E	NRB-36E	NRB-40E
VOLTAGE	110/220V 50-60Hz	110/220V 50-60Hz	110/220V 50-60Hz	110/220V 50-60Hz	110/220V 50-60Hz	110/220V 50-60Hz
POWER	1200w	1200w	1800w	1800w	1800w	1800w
BENDING SPEED	3-5s	5-7s	5-9s	5-9s	6-10s	10-12s
BENDING DIAMETER	8-22mm	16-25mm	16-28mm	20-32mm	20-36mm	20-40mm
G.W/N.W	15.8/14.5kg	21.9/15.5kg	22/17.5kg	28.5/21kg	30/23kg	31.5/25kg
CARTON SIZE(MM)	630X370X200	630X370X200	630X370X200			
MACHINE SIZE(MM)	585X220X215	585X220X215	650X220X220			
PACKING	Engineering box	Engineering box	Engineering box	Engineering box	Engineering box	Engineering box
CERTIFICATE	CE ROHS	CE ROHS	CE ROHS	CE ROHS	CE ROHS	CE ROHS



NRB-22B



NRB-25B



NRB-28B



NRB-32B



NRB-36B



NRB-40B

Single hand portable steel bar bending machine, future series. The 3s bending effect is formed, the steel casting tong head is more durable. It can bend a variety of materials and be used in a variety of places. It is convenient, efficient, safe and reliable. (with straightening head, which can be replaced for bending and straightening and can be used for one machine and two purposes)

MODEL	NRB-22B	NRB-25B	NRB-28B	NRB-32B	NRB-36B	NRB-40B
VOLTAGE	220/110V 50-60HZ	220/110V 50-60HZ	220/110V 50-60HZ	220/110V 50-60HZ	220/110V 50-60HZ	220/110V 50-60HZ
POWER	1200w	1200w	1800w	1800w	1800w	1800w
BENDING SPEED	4-6s	4-8s	5-9s	5-9s	5-9s	5-9s
BENDING DIAMETER	8-22mm	16-25mm	16-28mm	20-32mm	20-36mm	20-40mm
G.W/N.W	15.8/14.5kg	20.5/15.2kg	22/15.8kg	28.5/21kg	30.5/23kg	32.5/25kg
CARTON SIZE(MM)	620X370X200	620X370X200	800X320X270			
MACHINE SIZE(MM)	585X220X215	585X220X215	650X220X220			
PACKING	Engineering box	Engineering box	Engineering box	Engineering box	Engineering box	Engineering box
CERTIFICATE	CE ROHS	CE ROHS	CE ROHS	CE ROHS	CE ROHS	CE ROHS



NRB-32SE



NRB-36SE



NRB-40SE

The reversing valve controls the direction of the push shaft,which is easy to operate;It integrates the double functions of bending and straightening, and the special hook shape is convenient for bending and straightening.

	MODEL	NRB-32SE	NRB-36SE	NRB-40SE
	VOLTAGE	220V/110V 50-60Hz	220V/110V 50-60Hz	220V/110V 50-60Hz
	POWER	1800w	1800w	1800w
	BENDING SPEED	6-10s	6-10s	6-10s
	BENDING DIAMETER	25-32mm	25-36mm	25-40mm
	BENDING ANGLE	0-90°	0-90°	0-90°
	STRAIGHTENING ANGLE	90 ° reinforcement adjusted to 180 °	90 ° reinforcement adjusted to 180 °	90 ° reinforcement adjusted to 180 °
	N.W	23.2kg	34kg	34kg
	PACKING	Engineering box	Engineering box	Engineering box
	CERTIFICATE	CE ROHS	CE ROHS	CE ROHS

★ MEMBER EXCLUSIVE



RC-22C



RC-25C



RC-28C



RC-32C



RC-36C



RC-40C



RC-25L

Single hand portable steel bar cutter, future series. It is light in weight, small in volume, easy to carry and operate; it can cut steel bars, thread steels, round steels, screws and other materials;
Four plunger design, strong power, about 3-5s cutting speed.

MODEL	RC-22C	RC-25C	RC-28C	RC-32C	RC-36C	RC-40C	RC-25L
VOLTAGE	220/110V 50-60HZ	220/110V 50-60HZ	220/110V 50-60HZ	220/110V 50-60HZ	220/110V 50-60HZ	220/110V 50-60HZ	220/110V 50-60HZ
POWER	1200w	1800w	1800w	1800w	1800w	1800w	1800w
N.W/G.W	11.6/18kg	16.5/21kg	16.7/21kg	17.2/22kg	17.5/22kg	24/26.7kg	13.6/16.5kg
CUTTING SPEED	2-2.5s	3-5s	4-6s	4-6s	5-8s	4-10s	3-5s
CUTTING RANGE	4-22mm	8-25mm	8-28mm	8-32mm	8-36mm	8-40mm	8-25mm
CARTON SIZE	630X200X370mm	630X200X370mm	630X200X370mm	630X200X370mm	630X200X370mm	630X200X370mm	630X200X370mm
PACKING	Engineering box	Engineering box	Engineering box	Engineering box	Engineering box	Engineering box	Engineering box
CERTIFICATE	CE ROHS	CE ROHS	CE ROHS	CE ROHS	CE ROHS	CE ROHS	CE ROHS



RD-10



CC-13



CC-18

Lightweight portable chain cutting machine, future series. Light weight, small size, easy to carry and operate; It can cut off chains of various materials; Four plunger design, strong power, about 3s cutting speed.

MODEL	RD-10	CC-13	CC-18
VOLTAGE	110/220V	110/220V	110/220V
POWER	900w	1200w	1500w
N.W/G.W	8.3/12.5kg	15.5/19.8kg	28/35kg
CUT RANGE	4-10mm	4-13mm	4-18mm
CUTTING SPEED	3-5s	3-5s	3-6s
CUTTING MATERIAL HARDNESS	Q235/G80	Q235/G80	Q235/G80
MACHINE DIMENSIONS(MM)	460X270X115	540X140X245	520X295X130
PACKING	Iron box	Engineering box	Iron box
CERTIFICATE	CE ROHS	CE ROHS	CE ROHS



NMHP-22E



NMHP-25E



NMHP-32E



NMHP-36E

Kw high-power punching speed quick and rapid return, Kw high-power punching speed quick and rapid return，

MODEL	NMHP-22E	NMHP-25E	NMHP-32E	NMHP-36E
VOLTAGE	110/220V	110/220V	110/220V	110/220V
THROAT DEPTH	40mm	50mm	60mm	60mm
PUNCHING SPEED	2-3s	3-4s	4-5s	4-5s
NO-LOAD POWER	1100W	1800W	1800W	1800W
MAX PUNCHING DIA	22.5mm	25.5mm	30.5mm	36.5mm
MAX PUNCHING THICKNESS	8mm	10mm	12mm	12mm
N.W/G.W	13.2/18.1kg	21.3/32.5kg	26.1/38.6kg	25.7/38.2kg
STANDARD DIES	9/11/13/17/22.5mm	11/13/17/21.5/25.5mm	17/20.5/26/28/30.5mm	18/22/26/32/36.5mm



NMHP-22



NMHP-25



NMHP-32

Long life, low maintenance cost, no spark, wider application range and safety can be used in flammable and explosive environment

MODEL	NMHP-22	NMHP-25	NMHP-32
VOLTAGE	110/220V	110/220V	110/220V
THROAT DEPTH	40mm	50mm	60mm
PUNCHING SPEED	3-5s	5-7s	5-7s
NO-LOAD POWER	1500W	1500W	1500W
MAX PUNCHING DIA	22.5mm	25.5mm	30.5mm
MAX PUNCHING THICCKNESS	8mm	10mm	12mm
N.W/G.W	12.3/21.1kg	17.5/27.5kg	22.9/32.2kg
STANDARD DIES	9/11/13/17/22.5mm	11/13/17/21.5/25.5mm	17/20.5/26/28/30.5mm



The hand-held steel bar quick breaker is a micro electric demolition rescue tool. It is light in weight and small in size. It can cut steel bars, steel pipes, anti-theft windows, etc. quickly and efficiently. It is convenient to carry around and rotates 360 °. It is widely used in fire and earthquake relief, high-altitude power construction, civil building demolition and other fields.

MODEL	RC-16B	RC-20B	RC-22B	RC-25B	HRC-20B
CUTTING SPEED	4.5-5s	5-6s	5-8s	5-8s	5-6s
REINFORCEMENT HARDNESS	40CR-A3	40CR-A3	40CR-A3	40CR-A3	40CR-A3
CUTTING RANGE	4-16mm	4-20mm	4-22mm	4-25mm	4-20mm
HYDRAULIC OIL	lSOVG46	lSOVG46	lSOVG46	lSOVG46	ISOVG46
BATTERY			DC18V 4.0Ah		
N.W	6.5kg	7.6kg	7.6kg	10.5kg	8kg
DIMENSIONS	580x440x160mm	580x440x160mm	580x440x160mm	600x425x190mm	575x420x165mm
CERTIFICATE	CE ROHS	CE ROHS	CE ROHS	CE ROHS	CE ROHS



CT-300



CT-400



NCT-400



NCT-630

Easy crimping in 3-30 seconds, all copper motor with strong power, large capacity lithium battery with longer endurance, one click start, single finger operation

MODEL	CT-300	CT-400	NCT-400	NCT-630
OUTPUT	60KN	120KN	120KN	200KN
STROKE	17mm	42mm	42mm	20mm
CRIMPING TIMES	100 times	100 times	100 times	100 times
ONE CRIMPING TIME	3-7s	10-18s	10-18s	10-30s
BATTERY VOLTAGE	18V/5.0Ah	18V/5.0Ah	18V/5.0Ah	18V/5.0Ah
CHARGING TIME	90min	90min	90min	90min
PACKAGING SIZE	51*45*10cm	52*45*11cm	52*45*11cm	53*42*14cm
MACHINE SIZE	35*34.5*8.5cm	44*35*7.5cm	44*35*7.5cm	45*37*11cm
N.W/G.W	6.4/13kg	8/14kg	8/14kg	8.5/19.5kg
CRIMPING RANGE	16,25,35,50,70,95,120 150,185,240,300mm^2	16,25,35,50,70,95,120 150,185,240,300,400mm^2	16,25,35,50,70,95,120 150,185,240,300,400mm^2	25,35,50,70,95,120,150 185,240,300,400,630mm^2



CRIMPING



CT-45A



CT-55A



CT-85A



CT-105A

Electric control, easy and labor-saving, user-friendly design, strong power, suitable for various occasions, fully meeting international needs, 3S-5S shear speed

MODEL	CT-45A	CT-55A	CT-85A	CT-105A
OUTPUT	60KN	120KN	80KN	130KN
CUTTING RANGE	≤45mm	≤55mm	≤85mm	≤105mm
STROKE	50mm	60mm	90mm	110mm
VOLTAGE	18V/5.0Ah	18V/5.0Ah	18V/5.0Ah	18V/5.0Ah
CHARGING TIME	90min	90min	90min	90min
PACKAGING SIZE	51*45*11cm	60*50*15cm	59*50*14cm	66*46*12cm
MACHINE SIZE	44*35*7cm	46.5*37*8cm	55*40.5*8cm	63*41*8.5cm
N.W/G.W	6.5/10kg	8/13kg	7/11.5kg	11/17kg
OPTIONAL:CRIMPING HEAD	√	√	/	/
CRIMPING RANGE	16,25,35,50,70 95,120,150,185 240,300mm^2	16,25,35,50,70 95,120,150,185 240,300,400mm^2	/	/



CUTTING



CT-65C



CT-85C



CT-105C



CT-120C



CT-135C

Electric control, easy and labor-saving, user-friendly design, strong power, suitable for various occasions, fully meeting international needs, 3S-5S shear speed

MODEL	CT-65C	CT-85C	CT-105C	CT-120C	CT-135C
OUTPUT	70KN	130KN	160KN	160KN	200KN
CUTTING RANGE	≤65mm	≤85mm	≤105mm	≤120mm	≤135mm
STROKE	70mm	95mm	110mm	125mm	125mm
VOLTAGE	18V/5.0Ah	18V/5.0Ah	18V/5.0Ah	18V/5.0Ah	18V/5.0Ah
CHARGING TIME	90min	90min	90min	90min	90min
PACKAGING SIZE	60*50*14cm	60*52*15cm	75*38*12cm	76*38*12cm	70*47*12cm
MACHINE SIZE	51*37*7cm	58*39*7.5cm	64*41*9.5cm	66*43*9.5cm	69*47*8cm
N.W/G.W	6.5/11kg	8/12.5kg	10.5/15kg	11.5/16kg	13/22kg
OPTIONAL:CRIMPING HEAD	√	√	/	/	/
CRIMPING RANGE	16,25,35,50,70 95,120,150,185 240,300mm^2	16,25,35,50,70 95,120,150,185 240,300,400mm^2	/	/	/



Rebar Bender is equipped with switches which can be preset to any angle between 0-180°.with control switch and 2 foot pedals,it can bend steel accurately, and complete multi-angle steel molding operations efficiently.

MODEL	RB-25	RB-32
CERTIFICATE	CE RoHS	CE RoHS
VOLTAGE	AC110/220V	AC110/220V
WATTAGE	1600/1700W	2800/3000W
MAX.REBAR DIA.	25mm	32mm
MIN.REBAR DIA.	6mm	6mm
BENDING ANGLE	0-180°	0-180°
BENDING SPEED	5-6s	5-6s
MACHINE DIM.	450*500*440mm	600*580*470mm
CARTON DIM.	500*555*505mm	650*650*730mm
N.W	91kg	175kg
G.W	109kg	203kg



Rebar bender and cutter Integrates bending and cutting functions, Improves the efficiency of steel processing. Bending machine with mechanical transmission, works reliably. It can preset the bending angles by angle allocator (point1, point2) so to bend any angle precisely from 0° to 180°. Control bending operations freely by 2 foot switches. Cuting machine with hydraulic transmission,the foot switch controls operation. Cut off quickly in 4-6 seconds.

MODEL	RBC-25	RBC-32
CERTIFICATE	CE RoHS	CE RoHS
VOLTAGE	AC110/220V	AC110/220V
WATTAGE	1600/1700W	2800/3000W
BENDING REBAR DIA.RANGE	6-25mm	6-32mm
CUTTING REBAR DIA.RANGE	4-25mm	4-32mm
BENDING ANGLE	0-180°	0-180°
CUTTING/BENDING SPEED	4-5/5-6s	4-5/5-6s
MACHINE DIM.	500*450*790mm	600*580*980mm
CARTON DIM.	570*480*980mm	650*650*1000mm
N.W	136kg	225kg
G.W	167kg	260kg