



NINGBO LEIYANG INDUSTRIAL TECHNOLOGY CO., LTD.

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China

LEIYANG

Intelligently Crafted by Leiyang.
Serving the world with excellence.



Road construction



House demolition



Mining



Rock breaking



COMPANY

INTRODUCTION

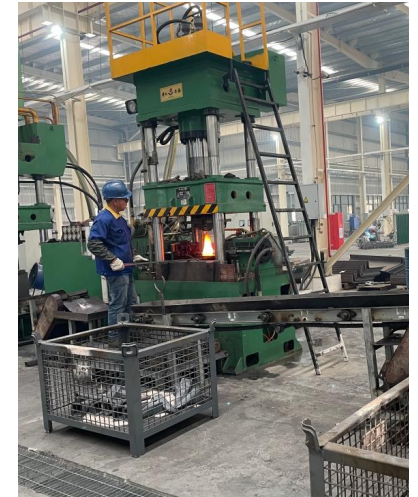


Ningbo Leiyang Industrial Technology Co., Ltd. is located in the beautiful city of Ningbo. It is a professional hydraulic breaker, forging bucket tooth, agricultural machinery equipment, and excavator attachment company that integrates R&D, production, sales, and after-sales.

The company was established in 2008. After years of joint efforts by all employees, our company now has a modern factory in Ningbo, covering an area of approximately 20000 square meters. We have successfully passed certifications such as CE and ISO9001.

With the continuous development of the company and the continuous expansion of the team, the company will continue to pursue excellent quality, adhere to the concept of "Survive Through Quality Assurance." and "Thrive Through Technological Innovation.", consolidate the foundation of the main business, and develop towards diversification. Be brave in facing opportunities and challenges, and create a better future with customers.

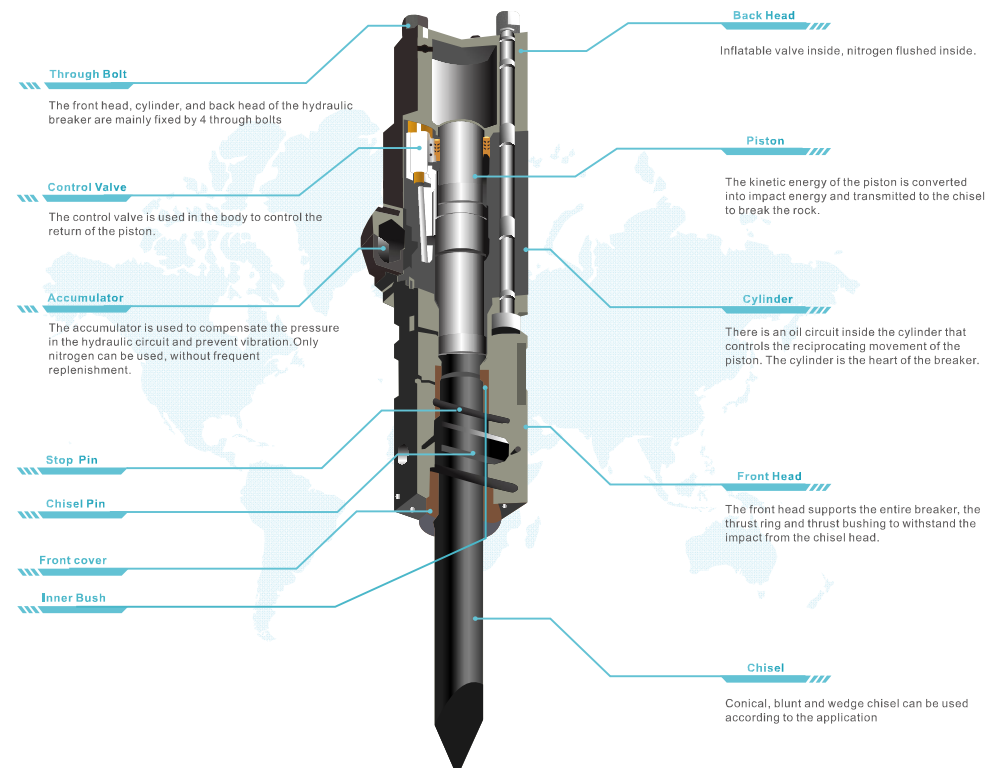
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International Exhibition

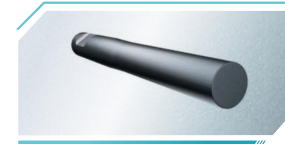


NBLYT



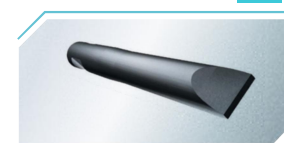
Moil type

-concrete demolition .non-stratified rock secondary mining of blocks



Blunt type

-Breaking blocks or cutting blocks to size



Wedge type

-All type of digging of stratified rock



Cone type

-Universal tools

HYDRAULIC BREAKER



SIDE TYPE BREAKER

- Total -length reduced
- More convenient to breaking
- Easy to maintain



OPEN TYPE BREAKER

- Easy-control and easy-location
- Without side weight ,reducing the breakage of chisel



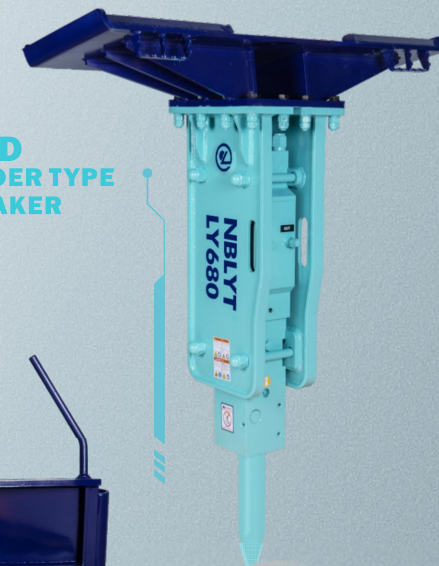
BOX TYPE BREAKER

- Low noise level
- Full-closed box design protects themain body from damage

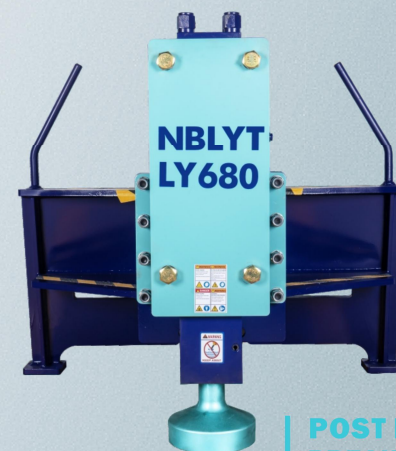


BACKHOE TYPE BREAKER

- Suitable for JCB backhoe loader



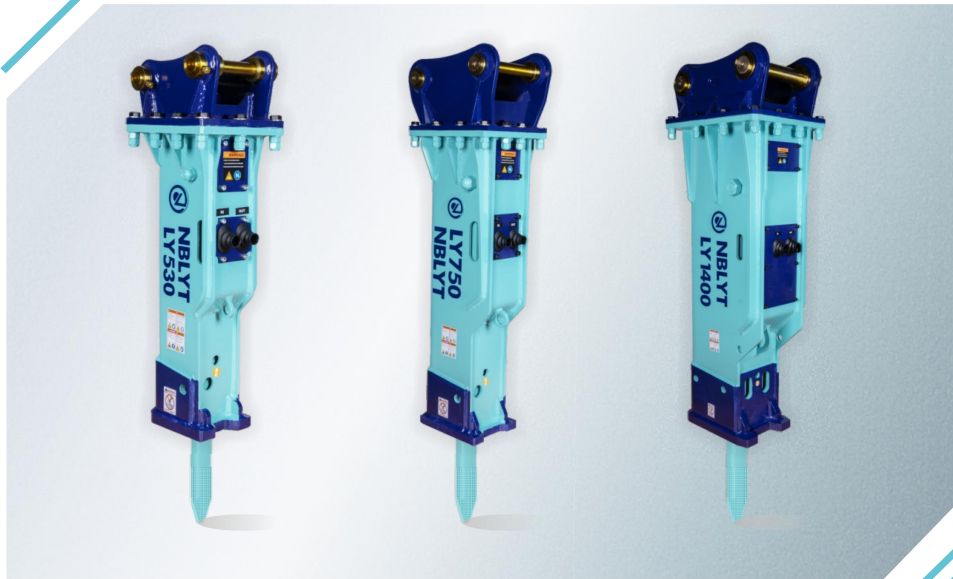
SKID LOADER TYPE BREAKER



POST DRIVER BREAKER

MANUFACTURING SYSTEM

BOX TYPE BREAKER



Item \ Model	UNIT	LY450	LY530	LY680	LY750	LY1000
Operating weight (sidetype)	kg	117	143	236	338	678
Operating weight (top type)	kg	145	187	312	405	832
Operating weight (boxtype)	kg	153	193	340	439	872
Main body Weight	kg	63	79	141	195	417
Operating Pressure	bar	90~120	90~120	95~130	100~130	150~170
Required Oil Flow	L/min	20~40	25~50	30~60	40~70	80~110
Chisel Diameter	mm	45	53	68	75	100
Hose Diameter	inch	1/2	1/2	1/2	1/2	3/4
Impact Energy	joule	277	415	679	1020	2045
Impact rate	bpm	700~1200	600~1100	550~950	550~950	450~700
Suitable Excavator	ton	1.2~3	2.5~4.5	4~6	6~9	9~16

SIDE TYPE BREAKER



Item \ Model	LY1350	LY1400	LY1400A	LY1550	LY1650	LY1750	LY2050
Operating weight (sidetype)	1318	1418	1453	2305	2650	3580	5800
Operating weight (top type)	1495	1705	1740	2540	2865	4224	6235
Operating weight (boxtype)	1503	1723	1758	2560	2990	4250	6570
Main body Weight	630	760	795	1069	1213	1663	2896
Operating Pressure	160~180	160~180	160~180	170~190	170~190	170~190	230~290
Required Oil Flow	120~150	120~180	120~180	180~240	200~260	210~290	300~420
Chisel Diameter	135	140	140	155	165	175	205
Hose Diameter	1	1	1	1 1/4	1 1/4	1 1/4	1 1/4
Impact Energy	3425	4088	4088	6789	8910	12256	23657
Impact rate	400~700	350~600	350~600	300~400	280~370	200~320	160~190
Suitable Excavator	16~21	18~25	18~25	28~35	30~45	40~55	50~110

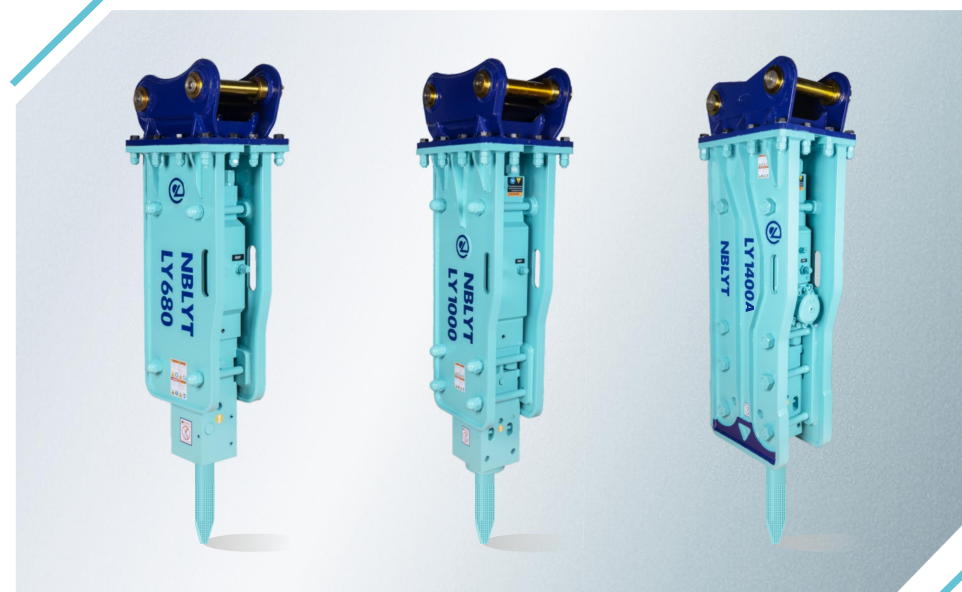
Item	Model	UNIT	LY15G	LY20G	LY30G	LY40G
Operating weight (sidetype)		kg	1124	1520	2139	2946
Operating weight (top type)		kg	1250	1637	2352	3230
Operating weight (boxtype)		kg	1320	1656	2388	3306
Main body Weight		kg	530	720	921	1192
Operating Pressure		bar	150~170	160~180	160~180	160~180
Required Oil Flow		L/min	115~150	125~160	175~220	200~250
Chisel Diameter		mm	120	135	150	160
Hose Diameter		inch	1	1	1	1 1/4
Impact Energy		joule	2638	3579	5264	10325
Impact rate		bpm	350~650	300~600	300~550	250~500
Suitable Excavator		ton	13~18	18~25	25~30	35~45

OPEN TYPE BREAKER



TECHNICAL ADVANTAGES

OPEN TYPE BREAKER

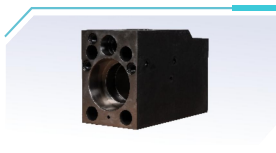


Item	Model	UNIT	LY450	LY530	LY680	LY750	LY1000	LY1350	LY1400	LY1400A
Operating weight (sidetype)		kg	117	143	236	338	678	1318	1418	1453
Operating weight (top type)		kg	145	187	312	405	832	1495	1705	1740
Operating weight (boxtype)		kg	153	193	340	439	872	1503	1723	1758
Main body Weight		kg	63	79	141	195	417	630	760	795
Operating Pressure		bar	90~120	90~120	95~130	100~130	150~170	160~180	160~180	160~180
Required Oil Flow		L/min	20~40	25~50	30~60	40~70	80~110	120~150	120~180	120~180
Chisel Diameter		mm	45	53	68	75	100	135	140	140
Hose Diameter		inch	1/2	1/2	1/2	1/2	3/4	1	1	1
Impact Energy		joule	277	415	679	1020	2045	3425	4088	4088
Impact rate		bpm	700~1200	600~1100	550~950	550~950	450~700	400~700	350~600	350~600
Suitable Excavator		ton	1.2~3	2.5~4.5	4~6	6~9	9~16	16~21	18~25	18~25

RELATED ACCESSORIES



Front Head



Cylinder



Back Head



Piston



Through Bolt



Side Bolt



Inner Bush



Outer Bush



Accumulator



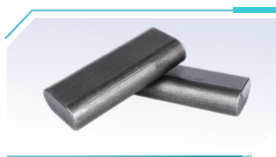
Control Valve Assembly



Control Valve



Piston Rings



Chisel Pin



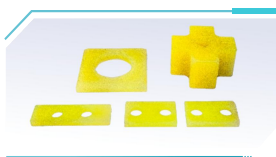
Gas Charge Valve



Pressure Adjustor Valve



Air Check Valve



Damper set



Seal kits



Hydraulic Hose



Gas bottle



Tool Box

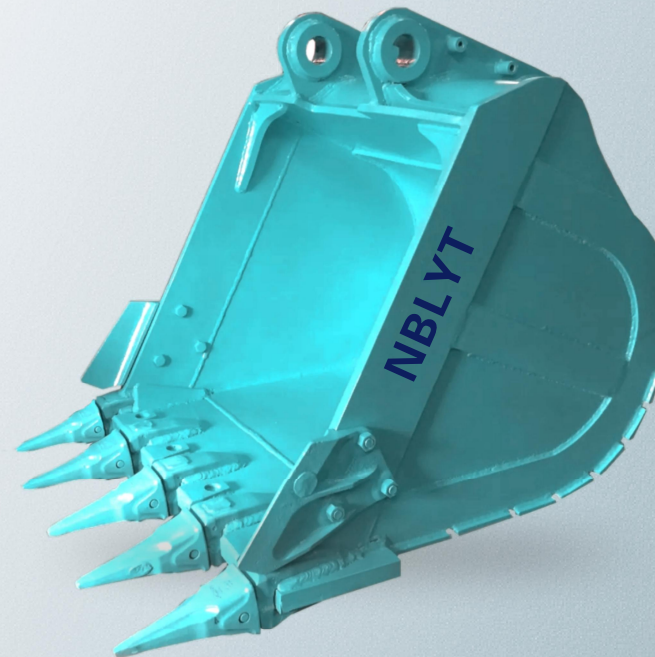
INNOVATIVE
R&D

QUICK COUPLER



Item \ Model	UNIT	LYQ02	LYQ06	LYQ08	LYQ15	LYQ20	LYQ25	LYQ30	LYQ40
Pin diameter range	mm	25~35	40~50	50~55	60~65	70~80	90	90~100	100~110
Weight	kg	30~50	50~80	80~115	160~220	340~400	380~420	420~580	550~760
Suitable Excavator	ton	0.8~3.5	4~7	8~9	10~18	20~24	25~29	30~39	40~45

EXCAVATOR BUCKET



TYPE	MATERIAL	G.E.T	APPLICATION
GD Bucket	Q345B	Adapter,Teeth,Side cutter	Mainly used for excavation and sand, gravel and soil and other light load operating environment.
HD Bucket	Q345B	Adapter,Teeth,Side cutter	Mainly used for digging hard soil, mixed with a relative soft stone and clay, softer stones and other light load operating environment.
SD Bucket	Q345 & NM400	Adapter,Teeth,Side cutter/protector	Mainly used for mining hard gravel mixed with hard soil, sub-hard stone or flint, after blasting or loading, and heavy-loading.
XD Bucket	Q345 & NM400&HARDOX450	dapter,Teeth,Side protector,Corner shrouds	Mainly used for very high abrasion conditions including high quartzite granite,broken slag,sandstone and ore.

Model	Unit	LYR03	LYR07	LYR10	LYR20	LYR30
Total Height	mm	600	670	910	1275	1450
Total Width	mm	310	425	540	665	735
Pin Diameter	mm	25-40	45-50	60-65	70-80	90
Total Weight	kg	50	80	280	540	620
Suitable Excavator	Ton	1.5-3	4-7	9-18	18-25	26-32



Ripper

- Q345B plate steel with high strength and corrosion resistance
- Special steel tooth tip, wear-resistant
- The pin shaft is made of 42CrMo alloy steel; high strength and good toughness

HYDRAULIC COMPACTOR



- Q345B plate steel with high strength and corrosion resistance
- Hydraulic vibration motor is sturdy and durable
- Bearing with low noise,safety and reliability

Model	Unit	LYC03	LYC07	LYC10	LYC20	LYC30
Required Oil Flow	L/min	30-60	45-75	85-105	120-170	120-170
Required Oil Pressure	Bar	90-120	90-120	100-130	150-200	150-200
Bottom Plate Size	mm	600*370	900*550	1000*700	1300*880	1480*950
Unit Width	mm	370	550	700	880	950
Unit Height	mm	670	760	920	1060	1100
Unit Weight	kg	180	295	500	950	1300
Applicable Excavator	Ton	1.5-3	4-7	9-18	18-25	28-35

EARTH DRILL



PRODUCT INTRODUCTION

Hydraulic Earth Drill is mainly composed with power head and auger. The power head and auger are fixed together. Auger is composed of screw blade and bit on the end of the auger, there is also teeth on the end of the auger. Simple construction, stronger drill ability, low production cost, high flexibility.

Field of application

- Fence
- Lands capping
- Tree planting
- Well drilling
- Screw pile installation
- Geothermy pumping source
- Stem and mast installation
- Guide board
- Sound barrier screen plate
- Detection and research

Bracket



- Side shift frame for skid steer



- Double pin cradle hitch



- Double pin hitch



Extension Shaft

- Ordinary drill pipe(Including drill teeth and drill bit)
- Wear-resisting drill pipe(including carbide teeth and carbide drill)
- Soft rock drill pipe(including rock teeth and rock drill)

EXCAVATORS AND LOADERS 1T-5.5T

Type	Excavator	Max.Rotate speed (r/min)	Max.torque (Nm)	Flow Range (L/min)	Max.Pressure (bar)	Output shaft (mm)	Drilling Diameter Range (mm)
LY1000	0.8T-1.5T	72r/min	980Nm	25-75L/m	210Bar	Hex 41mm	50-300mm
LY2500	1.5T-2.5T	65r/min	2500Nm	25-75L/m	210Bar	OD 65mm Hex 51mm	100-400mm
LY3000	1.5T-3.5T	62r/min	3095Nm	25-75L/m	210Bar	OD 65mm Hex 51mm	100-500mm
LY4500	2T-4T	56r/min	4610Nm	25-75L/m	210Bar	OD 65mm Hex 51mm	100-600mm
LY5000	4T-5.5T	52r/min	5050Nm	45-95L/m	210Bar	OD 65mm Hex 51mm	100-700mm

• Scope of application: field, municipal gardens, tree planting, roads

EXCAVATORS AND LOADERS 4.5T-9T

Type	Excavator	Max.Rotate speed (r/min)	Max.torque (Nm)	Flow Range (L/min)	Max.Pressure (bar)	Output shaft (mm)	Drilling Diameter Range (mm)
LY5500	4.5T-6T	48r/min	5560Nm	50-200L/m	240Bar	SQ 75mm	100-750mm
LY6000	5T-7T	45r/min	6050Nm	50-200L/m	240Bar	SQ 75mm	100-800mm
LY7000	6T-8T	42r/min	7130Nm	50-200L/m	240Bar	SQ 75mm	100-800mm
LY8000	7T-9T	40r/min	8060Nm	50-200L/m	240Bar	SQ 75mm	100-900mm

• Scope of application: Municipal gardens, tree planting, roads, drilling, electric power Engineering, Foundation

EXCAVATOR 8T-20T

Type	Excavator	Max.Rotate speed (r/min)	Max.torque (Nm)	Flow Range (L/min)	Max.Pressure (bar)	Output shaft (mm)	Drilling Diameter Range (mm)
LY10000	8T-12	38r/min	9880Nm	70-200L/m	240Bar	SQ 75mm	100-1000mm
LY15000	10T-15T	35r/min	15200Nm	70-200L/m	240Bar	SQ 75mm	100-1200mm
LY20000	12T-20T	32r/min	20100Nm	70-200L/m	240Bar	SQ 75mm	100-1200mm

• Scope of application: Tree planting, road, drilling, Electric power Engineering, Foundation

EXCAVATOR 18T-28T

Type	Excavator	Max.Rotate speed (r/min)	Max.torque (Nm)	Flow Range (L/min)	Max.Pressure (bar)	Output shaft (mm)	Drilling Diameter Range (mm)
LY25000	20T-25T	35r/min	24400Nm	80-268L/m	240Bar	SQ 75mm	200-1500mm
LY30000	20T-28T	30r/min	30200Nm	80-268L/m	240Bar	SQ 75mm	200-1500mm

• Scope of application: Tree planting, road, drilling, Electric power Engineering, Foundation

EXCAVATORS 30T-90T

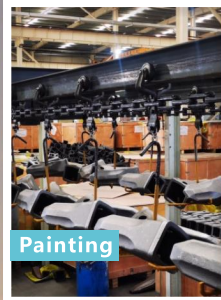
Type	Excavator	Max.Rotate speed (r/min)	Max.torque (Nm)	Flow Range (L/min)	Max.Pressure (bar)	Output shaft (mm)	Drilling Diameter Range (mm)
LY50000	30T-40T	28r/min	51200Nm	100-425L/m	320Bar	SQ 110mm	300-1800mm
LY80000	45T-60T	25r/min	81500Nm	100-625L/m	320Bar	SQ 110mm	300-1800mm
LY160000	70T-90T	13r/min	163500Nm	120-625L/m	400Bar	SQ 130mm	300-1800mm

• Scope of application: Housing Foundation, Highway, drilling, Electric power Engineering, Foundation

FORGING BUCKET TOOTH



Forging Machine



Painting



Heat Treatment



Package

- ◆ Impact force : 25-45 J/cm²
- ◆ Hardness : 49- 52 HRC
- ◆ Extreme Durability And Long wear life.

