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Professional
service



Global
Network



Quality
Assurance

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BLSH

FIRST IN THE COUNTRY



DEHN---FURUKAWA SERIES

Model	DF-X15	DF-X20	DF-X35	DF-X50	DF-X70A	DF-X80	DF-X150A
chisel diameter	45mm	48mm	58mm	68mm	75mm	80mm	120mm
Movement weight (kg)	52	66	98	120	152	168	496
Bare hammer weight (kg)	70	92	160	200	248	276	860
working flow rate (liter/min)	20-30	20-30	25-45	32-60	45-80	45-80	120-155
working pressure (kg/cm ²)	70-140	80-140	90-140	110-140	110-140	110-140	160-180
suitable for excavator (ton)	0.8-1.5	1-2	2-3	3-5	5-7	6-8	12-18
Oil Pipe Nominal Diameter(inch)	1/2	1/2	1/2	1/2	1/2	1/2	1
accumulator	no	no	no	no	yes	no	yes
impact rate (bpm)	700-1200	500-1100	500-1200	500-950	420-1020	460-960	400-525
Frequency adjustable	no	yes	yes	yes	yes	yes	yes

NEW PATENT TECHNOLOGY PRODUCTS



THE FIRST DOMESTIC UTILITY MODEL PATENT TECHNOLOGY PRODUCT

1. Light weight reduces the burden on the performance components of the excavator
2. Low nitrogen pressure and low load, protect the hydraulic system and reduce the driver's operation fatigue
3. The frequency can be adjusted according to the working conditions to improve the efficiency
4. The diameter of the piston is large and the power is sufficient
5. The new design of the reversing valve, the hydraulic energy efficiency is improved, and the switching speed is fast

HYDRAULIC BREAKERS

MAIN FEATURES

- Patented body design
- Inner valve
- Quiet operation
- Fuel saving
- Low maintenance cost
- Smart bracket design
- Energy recovery system
- Various working tools

SIDE TYPE:

- 1.Reducing total-length
- 2.More convenience to handle the breaking object
- 3.Easy maintenance

[illegible]

SILENCED BOX TYPE

- 1.Low noise level
- 2.Full-closed bracket protects main body from damage

TOP TYPE:

- 1.Easy-control and easy-position make it more convenience to excavation work
- 2.Without side weight, reducing the rate of chisel breakage
- 3.longer total-length and heavier total-weight



OTHER ATTACHMENT

PILE DRIVER

PRODUCT FEATURE

1. Special steel material with high ductility and high resistance .
2. Driven by motor , utilizing a kind of exciting force produced by reciprocating motion of centrifugal force up and down .
3. Original imported motor , more durable , high swinging speed and frequency .
4. All bearings are originally imported with longer life service .
5. The shafts of all key part use the same material as module .
6. Flexible single chuck , double chuck styles can be designed .

Model	Unit	DN-150	DN-200	DN-250	DN-300	DN-400
Frequency	rpm	2600	2800	2800	2800	2800
Eccentric torque	nm	28	40	48	50	70
Vibration force	ton	24	38	44	46	65
Host weight	kg	1300	2200	2350	2500	2800
Ice arm weight	kg	400	500	500	600	650
Pressure	bar	220	280	280	280	300
Oil flow	lpm	150	160	160	180	210
Max pile length	m	6	12	15	15	18
Excavator	ton	15-18	20-30	20-36	30-35	36-50



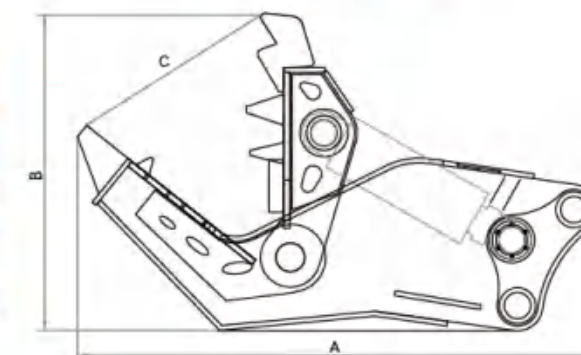
HYDRAULIC CRUSHING PLIERS

PRODUCT FEATURE

1. Special steel material with high ductility and high resistance .
2. Installed with hydraulic valve . More power of cylinder .
More efficient utilizes hydraulic oil .
3. Large design hydraulic cylinder .
More powerful pulverized shear .
4. Design with structure of jaw type pulverizer with large operating area and high efficiency .
5. Wide opening design , easy working and convenient .
6. Indispensable good equipment for cement and steel bar recycle after pulverizing .
7. Rotation type and fixed type for customers to choose depending on their own requirements.



Model	unit	DN02	DN04	DN06	DN08	DN10
weight	kg	330	550	900	1596	2850
A	mm	1242	1473	2333	2110	2437
C	mm	425	550	670	904	1122
Crushing force	ton	27	45	60	180	205
Pressure	kg/cm ²	210	230	260	300	320
Excavator weight	ton	2-4	4-9	10-17	18-25	26-38



HYDRAULIC GRAPPLE

MAIN FEATURES

1. wide opening width with light weight.
2. Unlimited clockwise 360 degree rotatable.
3. Rotating speed can be controlled
4. Flexible choices depend on job environment.

APPLICATIONS

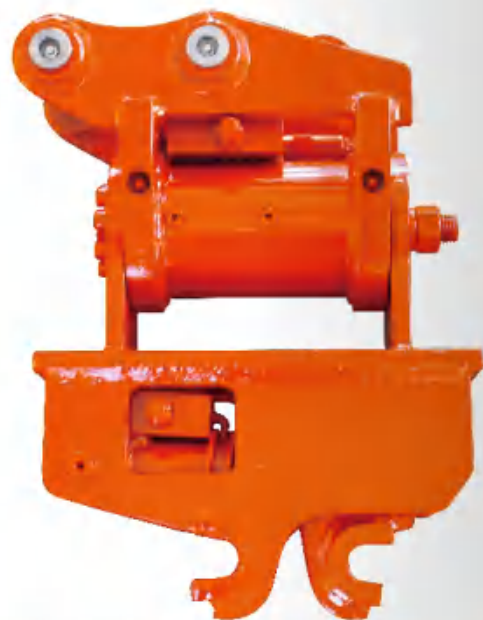
Apply to grab wood, stone, gravels, waste metals, industry waste, construction garbage and daily rubbish.

Category	Unit	DN-04	DN-06	DN-08	DN-10
Weight	kg	390	740	1380	1700
Opening size	mm	1400	1600	2000	2300
Operating pressure	kg/cm ²	120-160	150-170	160-180	160-180
Pressure set up	kg/cm ²	180	190	200	210
Operating flux	l/min	50-100	90-110	100-140	130-170
Cylinder volume	l	4.5*2	8.0*2	9.7*2	12*2
Suitable Excavator	ton	7-11	12-16	17-23	24-30



EXCAVATOR QUICK COUPLER

DEHN quick coupler can be used on excavator to change attachments easily and quickly, within only 1 minute installation, improving working efficiency sharply.



Model	Unit	DEHN MINI	DEHN 02	DEHN 04	DEHN 06	DEHN 08	DEHN10	DEHN17
Pin Diameter	Mm	25-40	45-50	50-55	60-70	70-80	80-90	90-120
Weight	Kg	25-30	50-60	80-90	120-130	280-290	450-530	450-580
Working Pressure	Kg/cm ²	40-380	40-380	40-380	40-380	40-380	40-380	40-380
Required Oil Flow	L/min	10-20	10-20	10-20	10-20	10-20	10-20	10-20
Suitable Excavator	Ton	1-2	2-4	5-8	9-17	17-23	23-35	33-45



EARTH DRILL

MAIN FEATURES

1. Fast drilling speed
2. Long service life
3. Efficient performance
4. Special designed steel body
5. Mature segment bond and high welding strength

APPLICATIONS

- Fence
- Landscaping
- Tree planting
- Well drilling
- Screw pile installation



Model	Unit	DN-1000	DN-1500	DN-2000	DN-2500	DN-3000	DN-3500	DN-4500	DN-5000
Adaptive weight	ton	0.8-1.5	1.2-2.5	1.5-3.0	2.5-4.0	3.0-4.5	2.5-4.5	3.0-5.0	4.5-6.0
Maximum torque	n.m	1120	1570	2130	2870	3180	3650	4720	4920
Operation pressure	bar	40-180	40-200	50-210	80-240	80-240	80-240	80-240	80-240
Operation flow	l/min	20-100	20-100	20-100	30-120	30-150	30-150	40-150	50-150
Rotating speed	rpm	76	75	72	65	65	62	55	52
Hose size	inch	G1/2	G1/2	G1/2	G1/2	G1/2	G1/2	G1/2	G1/2
Output shaft	mm	35(F)	35(F)	35(F)/51(F)/65(Y)	65(Y)/51(F)	65(Y)/51(F)	65(Y)/51(F)	65(Y)/51(F)	65(Y)/51(F)
Unit weight	kg	38	39	42	72	74	76	95	97
Unit diameter	mm	190	190	190	230	232	232	250	250
Drill rod model	mm				S4	S4	S4	S4	S4
Drill pipe length	mm	800-1500	800-1500	1200-1500	1200-1500	1200-1500	1200-1500	1200-1500	1200-1500
Drill diameter range	mm	50-250	50-300	100-300	100-500	100-500	100-600	100-600	100-650

Model	Unit	DN-6000	DN-7000	DN-8000	DN-10000	DN-12000	DN-15000	DN-20000	DN-25000
Adaptive weight	ton	4.5-6.0	7.0-10.0	8.0-10.0	8.0-12.0	13.0-17.0	10.0-15.0	15.0-20.0	20.0-25.0
Maximum torque	n.m	6150	7300	8420	9760	12300	16700	19200	24920
Operation pressure	bar	80-240	80-240	80-240	80-240	80-240	80-260	80-260	80-260
Operation flow	l/min	50-160	50-160	60-180	60-200	70-180	80-220	80-250	80-250
Rotating speed	rpm	50	50	45	40	38	38	35	35
Hose size	inch	G1/2	G1/2	G3/4	G3/4	G1	G1	G1	G1
Output shaft	mm	75(F)	75(F)	75(F)	75(F)	75(F)	75(F)	75(F)	75(F)
Unit weight	kg	134	151	160	168	172	240	271	320
Unit diameter	mm	272	272	295	295	320	350	350	350
Drill rod model	mm	S5	S5	S5	S5	S5	S5	S5	S5
Drill pipe length	mm	1200-2000	1200-2000	1200-2000	1200-2000	1200-2000	1200-2000	1200-2000	1200-2000
Drill diameter range	mm	100-800	100-800	200-1000	200-1000	200-1000	200-1000	300-1200	300-1200



SINGLE CYLINDER HYDRAULIC SHEAR

Description	Unit	DN-10	DN-17	DN-30	DN-50	DN-50M
Weight	kg	130	205	360	510	530
Max opening	mm	287	355	438	514	514
Length	mm	948	1112	1311	1475	1505
Width	mm	519	642	767	894	894
Crushing force	ton	20	22.5	35	47	47
Pressure	kg/cm ²	180	210	210	230	230
Rotation type		360° mechanical rotation				hydraulic rotating
Excavator weight	ton	0.8-2	1.7-3.5	3-8	5-9	5-9



DOUBLE CYLINDER HYDRAULIC SHEAR

Description	Unit	DN-32	DN-52	DN-52M	DN-102M
Weight	kg	320	530	560	1050
Max opening	mm	436	529	529	786
Length	mm	1270	1430	1430	1859
Width	mm	701	870	870	1284
Crushing force	ton	30	50	50	90
Pressure	kg/cm ²	210	230	230	270
Rotation type		360° mechanical rotation			hydraulic rotating
Excavator weight	ton	3-8	5-9	5-9	10-15

HYDRAULIC PLIERS

1. High efficiency: Compared with the breaking hammer, the efficiency is increased by 2-4 times;
2. Wide range of uses: It can quickly realize the rapid separation of concrete and steel bars, and greatly improve work efficiency by bending and loading onto the vehicle. Equipped with a steel bar cutter, it can simultaneously perform two operations of concrete crushing and steel bar cutting;
3. High safety: realize fully mechanized operation, no need for personnel to participate in dangerous operations;
4. Low noise: crushing by extrusion greatly reduces noise and vibration, meets environmental protection requirements, and is an ideal tool for crushing urban buildings;
5. Convenient maintenance: The advanced oil circuit design not only improves the working efficiency of the oil cylinder but also facilitates disassembly and maintenance. The oil circuit can be used in common with the crusher to realize multiple purposes of one excavator;

OIL PRESSURE GRAPPLE

PRODUCT FEATURE

Special steel material with high ductility and high resistance .

Imported balance valve motor with buffering and braking kinetic energy .

The cylinder is equipped with non-return valve , more safety for grabbing.

High strength rotating support device , the operator can manipulates the swinging speed and its rotating direction for 360 degree clockwise and anticlockwise.

With soft tube in the high pressure cylinder , the soft tube is under protection .

The product can also be designed with no swinging rotation in accordance with customers' different requirements .

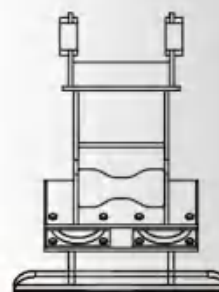
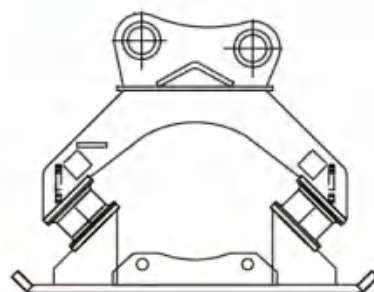
Widely used in sand plant , stone-crushing plant , dock , industries like renewable resources and coal recycle , auto decomposition and waste transfer .

It can be installed in excavator. One machine has multiple applications and higher efficiency.



Model	Unit	DN-mini	DN-02	DN-04	DN-06	DN-08	DN-10	DN-12
Weight	kg	93	150	203	320	400	590	645
Pressure	kg/cm ²	180	220	245	275	350	350	350
Max jaw opening	mm	700	900	1100	1300	1300	1500	1600
suitable for excavator (ton)	ton	1-1.8	2-2.5	3-4.0	5-6.0	7-7.5	8-12	13-14

EXCAVATOR COMPACTOR



DEHN compactor	unit	DN02	DN04	DN06	DN08	DN10
weight	kg	120	300	500	900	950
power of impulse	ton	2	4	6.5	15	15
maximum vibration rate	rpm	2000	2000	2000	2000	2000
oil flow	l/min	30-65	45-75	85-105	120-170	120-170
pressure	kg/cm ²	90-120	100-130	100-130	150-200	150-200
bottom measurement	L*W*T, mm	621*350*20	920*510*25	1040*700*28	1353*900*30	1353*900*30
height	mm	555	678	854	1004	1100
width	mm	350	510	700	900	900
suitable excavator	ton	1-4	4-9	11-16	17-23	24-30
Oil pipe Diameter	inch	1/2	1/2	3/4	1	1-1 1/2

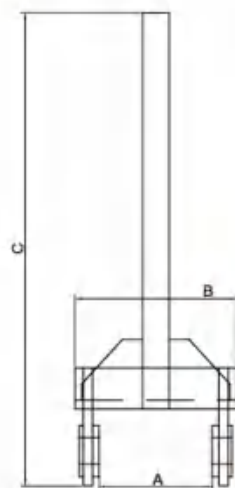
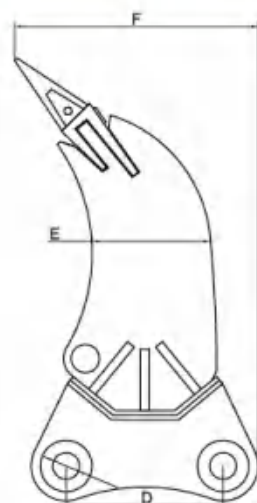
EXCAVATOR RIPPER

MAIN FEATURES

1. Made of high strength steel plate, easy to use and install .
2. Easy for digging and loading.
3. 1-3 teeth available, strong digging capacity.

APPLICATIONS

Our Excavator ripper can easily rip frozen ground, hard earth, stone and land waste.



Min	A	B	C	M	N	F
02	131	250	691	190	250	400
04	210	300	800	260	292	412
06	250	408	1150	390	397	647
08	330	504	1341	470	550	768

ELECTROMAGNETIC CHUCK

PRODUCT FEATURE

Special steel material with high ductility and high resistance .
Imported balance valve motor with buffering and braking kinetic energy .

The cylinder is equipped with non-return valve , more safety for grabbing.

High strength rotating support device , the operator can manipulates the swinging speed and its rotating direction for 360 degree clockwise and anticlockwise.

With soft tube in the high pressure cylinder , the soft tube is under protection .



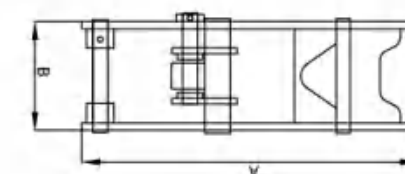
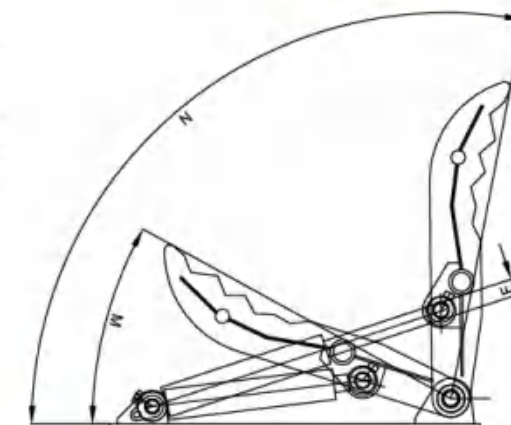
Model	Unit	DN-02	DN-04	DN-08	DN-10
Outer Diameter	mm	φ600	φ800	φ1000	φ1200
Weight	kg	350	600	800	1700
Suitable excavator	ton	3-5	6-9	10-20	20-30

EXCAVATOR THUMB

PRODUCT FEATURE

Excavator bucket thumb

DEHN Bucket Thumbs are the perfect attachment for construction, road building, forestry and mining applications. These durable, versatile and hard-wearing thumbs work with any bucket, blade or rake, opening up endless possibilities for your operation.



Model	unit	mini	DN02	DN04	DN06	DN08
A	mm	625	745	910	1190	1650
B	mm	200	220	295	325	400
C	mm	170	190	220	300	435
N	mm	90	90	90	90	145
Excavator weight	ton	0.6-2	1.5-3	4-8	10-17	18-25
weight	kg	40	50	90	120	300