HYDRAULIC BREAKER SELECTION GUIDE

BEYOND ATTACHMENT, WE ATTACH PRODUCTIVITY

WE-ATTACH



WE ARE WE-ATTACH

WE-ATTACH, A BRAND OF NINGBO SHELLEY MACHINERY SINCE 2014, PROVIDES PREMIUM EXCAVATOR ATTACHMENTS FOR DEMOLITION,CONSTRUCTION, MINING, FORESTRY, AND MATERIAL HANDLING. OUR 35,000 M^2 FACTORY AND 170 SKILLED STAFF, INCLUDING 20+ R&D ENGINEERS,ENSURE DURABLE, PRECISION-ENGINEERED SOLUTIONS.



12+
YEARS OF EXPERTISE

99.99%
FITMENT ACCURACY

65+
COUNTRIES SERVED

35,000+
M^2 FACTORY AREA

LIGHT-DUTY HYDRAULIC BREAKER





TOP TYPE



SIDE TYPE

SPECIFICATION

SPECIFICATION	WHB35	WHB40	WHB45	WHB53
BODY WEIGHT, KG	45	53	71	89
TOTAL WEIGHT(SIDE/TOP/BOX), KG	72/72/107	82/83/123	117/122/155	147/148/189
LENGTH(SIDE/TOP/BOX), MM	845/1007/1114	931/1116/1213	1091/1225/1329	1182/1347/1412
WIDTH(SIDE/TOP/BOX), MM	216/216/255	216/216/255	255/216/255	275/275/255
HEIGHT(SIDE/TOP/BOX), MM	335/187/298	354/208/298	431/200/298	498/286/298
OPERATING PRESSURE, BAR	90-120	90-120	90-120	90-120
OIL FLOW RANGE, L/MIN	12-20	15-25	20-30	25-50
IMPACT FREQUENCY, BPM	800-1400	800-1400	700-1400	600-1100
DIAMETER OF HOSE, INCH	1/2	1/2	1/2	1/2
DIAMETER OF TOOL, MM	35	40	45	53
SUITABLE EXCAVATOR, T	0.4-2	0.8-2.5	1.2-3.0	2.5-4.5

APPLICATION

- BENCH LEVELING AND ROCK SCALING IN MINING APPLICATIONS
- DEMOLITION OF LIGHT MASONRY AND CONCRETE PAVEMENTS
- TRENCHING AND EXCAVATION FOR INFRASTRUCTURE PROJECTS
- LARGE ROCK BREAKING IN QUARRIES AND CONSTRUCTION SITES
- MARINE MAINTENANCE, INCLUDING BARNACLE AND RUST REMOVAL FROM SHIP HULLS







WHB60	WHB68	WHB75	WHB75/80	WHB85	WHB100
122	156	214	215	282	479
214/251/273	266/303/328	337/412/405	348/412/411	506/625/655	775/817/950
1192/1453/1438	1363/1681/1664	1433/1742/1710	1484/1742/1755	1676/2027/1993	1989/2347/2350
350/350/350	350/350/350	350/380/350	350/380/350	440/440/440	440/455/440
652/474/475	681/474/475	755/475/475	755/475/475	885/547/562	967/551/562
100-130	110-140	120-150	120-150	130-160	150-170
30-60	40-70	50-90	50-90	60-100	80-110
600-1100	500-900	400-800	400-800	400-800	350-700
1/2	1/2	1/2	1/2	3/4	3/4
60	68	75	75/80	85	100
4-6	4-7	6-9	6-9	7-14	10-15

MEDIUM-DUTY HYDRAULIC BREAKER





TOP TYPE



SIDE TYPE

SPECIFICATION

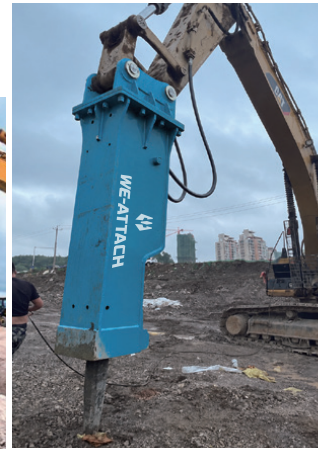
SPECIFICATION	WHB125	WHB135	WHB135F	WHB135M
BODY WEIGHT, KG	620	850	846	754
TOTAL WEIGHT(SIDE/TOP/BOX), KG	1224/1287/1285	1572/1859/1685	1576/1870/1682	1503/1795/1611
LENGTH(SIDE/TOP/BOX), MM	2286/2723/2750	2432/2835/2750	2259/2691/2750	2248/2672/2754
WIDTH(SIDE/TOP/BOX), MM	545/545/565	565/565/565	565/565/565	565/565/565
HEIGHT(SIDE/TOP/BOX), MM	1114/619/666	1237/707/560	1237/707/560	1235/707/560
OPERATING PRESSURE, BAR	150-170	160-180	160-180	160-190
OIL FLOW RANGE, L/MIN	90-120	130-150	145-180	115-160
IMPACT FREQUENCY, BPM	350-650	400-600	360-460	360-700
DIAMETER OF HOSE, INCH	1	1	1	1
DIAMETER OF TOOL, MM	125	135	135	135
SUITABLE EXCAVATOR, T	15-18	18-26	18-26	18-26

APPLICATION

- SECONDARY BREAKING IN MINING AND QUARRYING APPLICATIONS
- REINFORCED CONCRETE DEMOLITION AND RENOVATION PROJECTS
- DEMOLITION OF LIGHT STRUCTURES IN RIVER DREDGING AND CHANNEL-WIDENING PROJECTS
- TRENCHING AND ROCK BREAKING FOR INFRASTRUCTURE CONSTRUCTION
- SLAG BREAKING AND BLOCKAGE CLEARING IN CRUSHING PLANTS AND METALLURGICAL FACILITIES







WHB140	WHB140A	WHB150	WHB155	WHB165	WHB160
920	956	1092	1313	1590	1400
1781/2048/1872	1826/2093/1917	2188/2511/2351	2484/2774/2716	3156/3511/3813	-/3116/2993
2479/2900/2860	2479/2900/2860	2575/3027/3020	2767/3219/3088	3000/3458/3450	-/3262/3145
565/565/565	565/565/565	665/665/665	665/665/665	665/665/665	-/665/665
1316/707/560	1316/707/560	1353/760/760	1390/760/799	1526/760/840	-/760/837
160-180	160-180	160-180	160-180	160-180	160-180
120-180	120-180	150-190	180-240	200-250	190-240
350-550	350-550	350-700	300-450	200-380	250-380
1	1	1	11/4	11/4	11/4
140	140	150	155	165	160
18-26	18-26	27-35	28-35	35-40	35-40

HEAVY-DUTY HYDRAULIC BREAKER





TOP TYPE



SIDE TYPE

SPECIFICATION

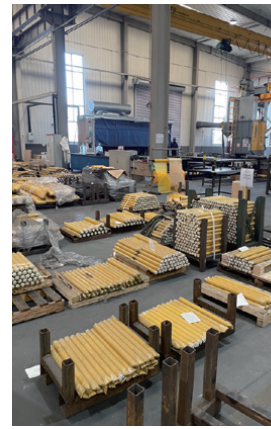
SPECIFICATION	WHB175	WHB185	WHB195	WHB200	WHB205
BODY WEIGHT, KG	1960	2375	2823	3077	3339/7345
TOTAL WEIGHT(SIDE/TOP/BOX), KG	3806/4232/3789	4655/5102/5226	5418/5810/5823	5985/6536/6243	6250/6280/6700
LENGTH(SIDE/TOP/BOX), MM	3128/3732/3729	3284/3875/3882	3596/4030/4043	3479/4060/4189	3570/4233/4347
WIDTH(SIDE/TOP/BOX), MM	755/755/755	755/755/755	755/755/755	755/755/755	755/805/805
HEIGHT(SIDE/TOP/BOX), MM	1600/908/908	1642/908/940	1690/908/940	1707/950/1000	1853/1017/1009
OPERATING PRESSURE, BAR	160-180	180-220	200-240	200-240	230-260
OIL FLOW RANGE, L/MIN	200-260	240-300	290-360	300-370	320-390
IMPACT FREQUENCY, BPM	200-300	180-250	150-200	150-200	130-170
DIAMETER OF HOSE, INCH	11/4	11/4	11/4	11/4	11/2
DIAMETER OF TOOL, MM	175	195	195	200	205
SUITABLE EXCAVATOR, T	36-45	48-60	48-60	48-60	55-65

APPLICATION

- SECONDARY AND PRIMARY DEMOLITION IN MINING CONSTRUCTION
  ROCK BREAKING IN TUNNEL EXCAVATION
  ROCK BREAKING IN RIVER DREDGING AND WIDENING CONSTRUCTION







WHB210	WHB215	WHB220	WHB230	WHB248	WHB258
3400	3577	3939	4153	5047	5994
6476/7225/7000	6760/7513/7453	7334/8147/8053	8236/9032/8950	9450/11400/10500	10685/11420/11820
3613/4360/4400	3687/4360/4408	3841/4470/4518	3797/4690/4612	4029/4975/4788	4251/4750/4970
805/805/805	864/864/864	865/865/865	865/865/865	855/980/1000	955/955/1000
1811/1017/1030	1911/1030/1050	1908/1030/1100	1976/1030/1100	2030/1230/1300	2099/1080/1300
230-260	230-260	230-260	230-260	230-260	230-260
340-420	360-460	350-400	420-540	450-550	500-600
130-170	130-170	90-130	130-170	110-150	110-140
11/2	11/2	11/2	11/2	11/2	11/2
210	215	220	230	248	258
55-65	65-75	65-80	80-100	85-120	87-140

FULLY HYDRAULIC BREAKER



SPECIFICATION	WHB100Y	WHB120Y	WHB135Y	WHB150Y	WHB160Y	WHB170Y	WHB190Y
BODY WEIGHT, KG	460	705	1012	1157	1438	1830	2646
TOTAL WEIGHT, KG	920	1420	2032	2270	3052	3710	5246
LENGTH, MM	2227	2786	3010	3262	3597	3720	4068
WIDTH, MM	510	676	702	702	774	794	914
HEIGHT, MM	596	692	690	760	870	870	928
OPERATING PRESSURE, BAR	120-140	135-145	160-180	160-180	160-180	160-180	160-180
HYDRAULIC FLOW RANGE, L/MIN	70-100	100-170	120-180	160-230	180-270	250-350	280-380
IMPACT FREQUENCY, BPM	350-660	350-610	370-560	370-560	370-540	LONG STRIKE 370-520 SHORT STRIKE 480-670	LONG STRIKE 320-430 SHORT STRIKE 410-570
DIAMETER OF HOSE, MM	19.05	25.47	25.4	25.4	31.75	31.75	31.75
DIAMETER OF TOOL, MM	100	120	135	150	160	170	190
WEIGHT OF TOOL, KG	50	87	116	156	172	238	341
SUITABLE EXCAVATOR, T	10-15	14-26	20-30	25-40	30-50	36-55	45-80
ACCUMULATOR EXISTS	YES	YES	YES	YES	YES	YES	YES

FULLY HYDRAULIC BREAKER

- HIGH-QUALITY SHOCK-ABSORBING COMPONENTS REDUCE VIBRATION TRANSMITTED TO THE EXCAVATOR, IMPROVING OPERATOR COMFORT AND HELPING PROTECT THE CARRIER.
- THE PISTON REAR CHAMBER REQUIRES NO NITROGEN CHARGING, ELIMINATING PERFORMANCE LOSS CAUSED BY NITROGEN LEAKAGE. THE LARGE ACCUMULATOR HELPS MAINTAIN STABLE SYSTEM PRESSURE AND CONSISTENT BREAKING PERFORMANCE.



- THE INLET CHECK VALVE MINIMIZES PRESSURE LOSS INSIDE THE BREAKER, PROVIDING FASTER RESPONSE DURING INTERMITTENT OPERATION.
- THE AUTOMATIC LUBRICATION SYSTEM DELIVERS GREASE TO THE INNER AND OUTER BUSHINGS, EXTENDING COMPONENT LIFE AND REDUCING MANUAL MAINTENANCE.
- PISTON IMPACT STROKE CAN BE ADJUSTED TO SUIT DIFFERENT WORKING CONDITIONS, OPTIMIZING IMPACT EFFICIENCY AND PERFORMANCE.
- THE ANTI-BLANK FIRING FUNCTION CAN BE ACTIVATED AS REQUIRED TO PREVENT BLANK IMPACTS AND REDUCE THE RISK OF BREAKER DAMAGE.
- THE RETURN PRESSURE CONTROL VALVE ENSURES START-UP PRESSURE CLOSER TO THE RATED WORKING PRESSURE, REDUCING HYDRAULIC SHOCKS AND ENSURING STABLE SYSTEM OPERATING PRESSURE.

SKID STEER LOADER BREAKER

- THE MOUNTING PLATE IS SPECIFICALLY DESIGNED FOR SKID STEER LOADERS, PROVIDING A SECURE FIT AND STABLE BREAKING PERFORMANCE.
- THE FRONT END FEATURES A REINFORCED DESIGN FOR INCREASED STRUCTURAL STRENGTH AND DURABILITY.



SUITABLE MODEL

WHB45 | WHB53 | WHB68 | WHB75 | WHB100 | WHB85

BACKHOE LOADER BREAKER

- THE COMPACT AND SIMPLE STRUCTURE IS DESIGNED FOR EASY INTEGRATION WITH BACKHOE LOADERS.
- THE DUAL-PINHOLE LINKAGE DESIGN PROVIDES TWO MOUNTING ANGLES, ALLOWING THE BREAKER TO ADAPT TO DIFFERENT WORKING CONDITIONS.
- THE ARC-SHAPED CONNECTION BETWEEN THE FRAME AND THE BREAKER BODY ENHANCES STRUCTURAL STRENGTH AND DURABILITY UNDER DEMANDING WORKING CONDITIONS.

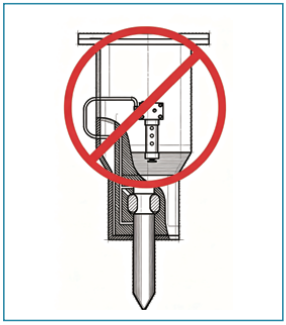


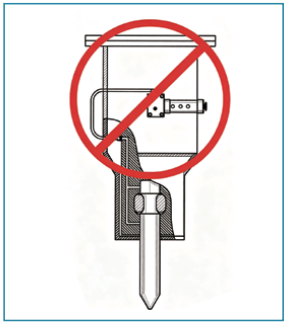
SUITABLE MODEL

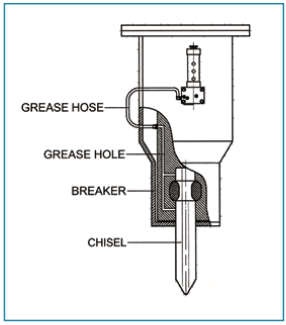
WHB53 | WHB68 | WHB75 | WHB80 | WHB85

AUTO-GREASE DEVICE

SPECIFICATION	AGD-H2		AGD-Z5	
OUTPUT PRESSURE,BAR	18-164		20-60	
CARTRIDGE CAPACITY,ML	400		500	
EXTERIOR SIZE,MM	165*88*252		140*91*320	
WEIGHT WITHOUT GREASE,KG	3.9		3.9	
OUTPUT PORT SIZE	PF1/4		PF1/4	
RUNNING TIME OF CARTRIDGE (NORMAL CONDITION)	500CC/100CC 1HOUR	1 OR 2CARTIDGES 1DAY	20 TONS EXCAVATOR	3-4 DAYS
	0CC/22CC 1HOUR	1 CARTIDGES 3-5 DAYS	40 TONS EXCAVATOR	1-2 DAYS
GREASE TYPE	PLEASE USE BELOW 200CST VISCOSITY GREASE		MOS2 NLGL NO.2(NORMAL) NLGL NO.1(UNDER10℃) NLGL NO.0(UNDER10℃)	
NORMAL TEMPERATURE RANGE	-10℃-70℃		-10℃-60℃	
PERMISSIBLE TEMPERATURE RANGE	-10℃-70℃		-10℃-60℃	

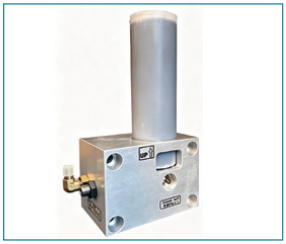








H2
(HYDRAULIC DRIVE TYPE)



Z5
(MECHANIC TYPE)



WE-ATTACH

NINGBO WE-ATTACH MANUFACTURING CO., LTD.