



**Best Quality
Best Services
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**Equipments for
Overhead Line & Underground
Cable Power Transmission
Distribution**

NINGBO REACH ELECTRIC POWER EQUIPMENTS CO., LTD.

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**This catalog presents the products of the equipments for electric power installation business segment of REACH.
By providing more focused attention to our products and their related markets, the improvements in these products,**

CONTENTS

Overhead Line Stringing Equipments

Stringing block
Hydraulic pullers
Hydraulic tensioners
Winch type tensioners
Winch
Gin pole
Aluminum alloy working platform
Emergency tower
Gripping clamps
Pulling grip
Hoist
Tightener
Anti-twisting steel wire rope
Running board
Lifting tackle
Joint
Electronic dynamometer
Zoom sag-scope
Overhead line bickcles
Remote control drone

Underground cable distribution Tools

Horizontal directional drilling machine
Cable roller
Fiberglass duct rodder
Hydraulic compression equipments
winch
Cable feeder
Cradle reel elevator
Cable trailer
Cable cutter&stripper
Cable length measuring device

Safety devices

Safety harness
Lanyard
Safety helmet
Cut resistant glove
Insulating shoe
Climber

Live line work tools

Hot sticks
Insulating ladder
Insulating lever hoist
Insulating tackle
Telescopic electroscope
Earth wire
Insulating rope
Silk harness&lanyard

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What We do



workshop

All products are designed, manufactured, tested to exacting standards



Focused on quality & customer satisfaction, seeking for long term business

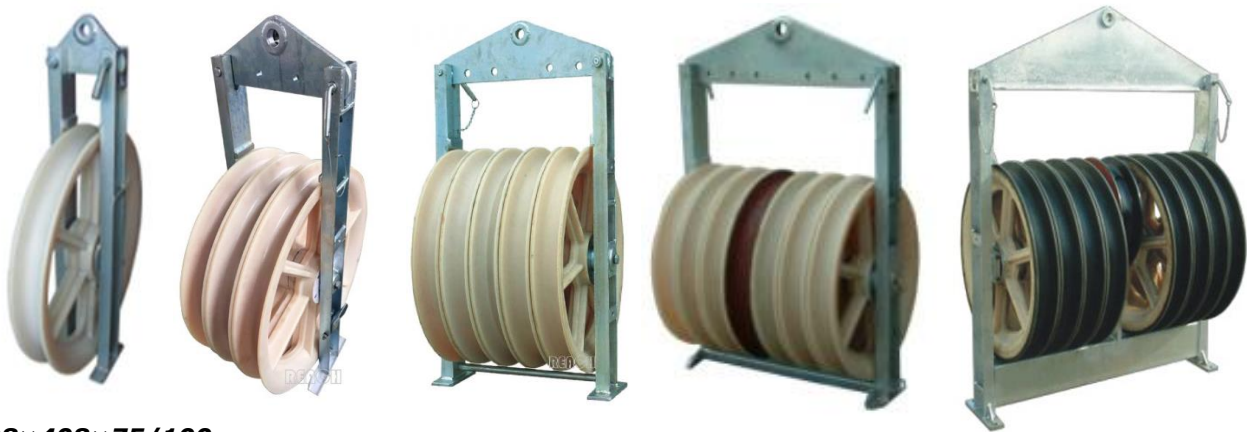


Ningbo Reach Stringing Equipments CO., LTD. is the leading manufacturer & exporter which specializes in Tools & Equipment for Power Line, Substation, Electrical Construction and Maintenance in China. Our company has rich experiences in this area for more than twenty years. Our main products contain Line Construction Equipment, Wire Pulling Equipment, Grounding Equipment, Crimping Tools, Lineman Tools, Safety Equipment, Hydraulic Tools, such as stringing blocks/pulley blocks, tensioner & puller, winch/capstan, chain & lever hoist, electric hoist, tackle, anti-twist wire rope, wire grip/come along clamp, mesh sock, cable pulling tool, cable reel stand/jack, cable roller, cable sender, cable cutter & stripper, hydraulic compression devices, crimping tools, live line equipments, safety devices, hydraulic & mechanical & car jacks, forklift & stackers etc. Customer is the motivation of thought and action of Reach. Our aims are contributing to the clients' success, to become the friend with them and grow up with them together. We are developing the overseas markets all over the world. Our products have been successfully exported to Middle-east countries, South Africa, South America, Europe, Australia, Malaysia, Indonesia, Singapore etc. The amount of exports last year is approximate 5 million USD. For the benefit of our customers, we continually to improve our facilities and our staff's capability, including updating our hardware and software programs in the company. To be the trustable partner with our customer and responsible for the society is the lifelong goal of Reach.

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Equipments for overhead power transmission line&underground distribution

Large diameter stringing block



508×408×75/100

Order number	Model	Number of wheel	Rated load(kN)	Weight (kg)	Features
10101	SHD508	1	20	18	Cemented Aluminous sheave
10102	SHS508	3	40	61	Middle :cast steel sheave Conductor: cemented aluminous sheave
10103	SHW508	5	60	93	
10104	SHDN508	1	20	16	MC nylon sheave
10105	SHSLN508	3	40	47	Middle :MC nylon sheave Conductor: cemented aluminous wheel
10106	SHWLN508	5	60	79	
10107	SHSQN508	3	40	43	MC nylon sheave
10108	SHWQN508	5	60	70	MC nylon sheave

660×560×100

Order number	Model	Number of sheave	Rated load (kN)	Weight (kg)	Features
10121	SHD660	1	20	30	Cemented Aluminous sheave
10122	SHS660	3	40	106	Middle :cast steel sheave, conductor : cementation aluminous sheave
10123	SHW660	5	60	150	
10124	SHDN660	1	20	24	MC nylon sheave
10125	SHSLN660	3	40	92	Middle :MC nylon sheave conductor conductor : cementation aluminous wheel
10126	SHWLN660	5	60	120	
10127	SHSQN660	3	40	76	MC nylon sheave
10128	SHWQN660	5	60	110	MC nylon sheave
10129	SHQZ660	7	80	268	Middle :cast steel sheave conductor : cementation aluminous wheel
10130	SHQ660A	7	75	190	Middle :cast steel sheave conductor : MC nylon wheel

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Equipments for overhead power transmission line&underground distribution

Large diameter stringing block

822×710×110

Order number	Model	Number of sheave	Rated load(kN)	Weight (kg)	Features
10141	SHDN822	1	30	25	MC nylon
10142	SHSQN822	3	60	118	Middle :cast steel sheave conductor :MC nylon wheel
10143	SHWQN822	5	120	180	
10146	SHQ822	7	120	285	Middle :cast steel sheave conductor : MC nylon wheel
10148	SHJ822	9	150	445	

916×800×110

Order number	Model	Number of sheave	Rated load (Kn)	Weight	Feature
10151	SHDN916	1	50	51	MC nylon sheave
10152	SHSQN916	3	75	120	
10153	SHWQN916	5	150	200	



Wheels can be covered by rubber



Equipments for overhead power transmission line&underground distribution

Special stringing block



Sheave material: nylon or aluminum

Head model: hook or clevis

Dimension (mm):

120×30	320×60
160×40	400×80
200×40	250×60
200×60	270×60



Universal crossarm –mounted and hook style block

Dimension (mm):

80×50

160×40

200×40

120×58

Sheave material: nylon or aluminum



bunch conductor block

Rated load :2kN

Maximum conductor :3×120+1×95

Block dimension : Φ115×120mm

Weight :2.7k



tandem sheave string block

Rated load:25kN

Sheave material: nylon or aluminum



Triple bundle stringing block and pull board

Rated load :5kN, 10kN

maximum applicable angle iron ∠90



Crossarm –mounted stringing block

Dimension (mm):

80×50

120×50

Applicable conductor

LGJ120, LGJ240



three –purpose stringing block

Rated load:20kN

Applicable conductor

≤LGJ240



Angled crossarm –mounted stringing block

Rated load:5kN

Applicable conductor

LGJ25-185



Earthwire stringing block

Dimension (mm):

120×30 165×50

150×32 200×60

Sheave material: nylon or cast iron



high –speed single sheave block

Rated load (kN):50

Applicable wire cable (mm):≤Φ19

·Uses :to haul and hoist quickly .

·Features :mounted needle bearing .

·Weight(kg):11

·Notes :cannot pass through wire cable connector .



Hook grounding block

Root diameter of sheave:Φ75, Φ60

Applicable range(mm)

Φ6~38 conductor

Φ6~28 wire cable and stranded wire

Sheave material: nylon or steel

Equipments for overhead power transmission line&underground distribution

Hydraulic Puller



SA-YQ30 hydraulic puller

Essential parameter

Maximum pull force (kN):30
Continuous pull force (kN):25
Maximum speed (km/h):5
Bull wheel bottom of groove diameter(mm): Φ 300
Bull wheel grooves number : 7
Maximum suitable steel rope diameter (mm): Φ 13
Maximum through connector diameter (mm): Φ 40
Engine power /speed (kW/rpm):31/2200
Dimensions (mm):3200×1600×2000
Weight (kg): 1500



SA-YQ60 hydraulic puller

Essential parameter

Essential parameter
Maximum pull force(kN):60
Continuous pullforce (kN):50
Maximum speed(km/h):5
Bull wheel bottom of groove diameter(mm): Φ 460
Bull wheel grooves number : 7
Maximum suitable steel rope diameter (mm): Φ 18
Maximum through connector diameter (mm): Φ 60
Engine power /speed(kW/rpm):77/2800
Dimensions(mm):3800×2100×2300
Weight (kg): 3000



SA-YQ180 hydraulic puller

Essential parameter

Maximum pull force(kN):180
Continuous pullforce (kN):150
Maximum speed(km/h):5
Bull wheel bottom of groove diameter(mm): Φ 760
Bull wheel grooves number : 10
Maximum suitable steelrope diameter (mm): Φ 30
Maximum through connector diameter (mm): Φ 75
Engine power /speed(kW/rpm):223.5/2100
Dimensions (mm):5780×2350×2820
Weight (kg): 8000



SA-YQ250 hydraulic puller

Essential parameter

Maximum pull force(kN):250
Continuous pullforce (kN):200
Maximum speed(km/h):5
Bull wheel bottomof groove diameter(mm): Φ 820
Bull wheel grooves number : 10
Maximum suitable steelrope diameter (mm): Φ 32
Maximum through connector diameter (mm): Φ 80
Engine power /speed(kW/rpm):261/2100
Dimensions (mm):5750×2350×2750
Weight (kg): 9000

Equipments for overhead power transmission line&underground distribution

Hydraulic Puller



SA-YQ40 hydraulic puller

Essential parameter

Maximum pull force(kN):40
Continuous pullforce (kN):35
Maximum speed(km/h):5
Bull wheel bottom of groove diameter(mm) : $\Phi 400$
Bull wheel grooves number : 7
Maximum suitable steel rope diameter (mm): $\Phi 16$
Maximum through connector diameter (mm): $\Phi 50$
Engine power /speed(kW/rpm):60/2000
Dimensions(mm):3500×2000×2300
Weight (kg): 2500



SA-YQ90 hydraulic puller

Essential parameter

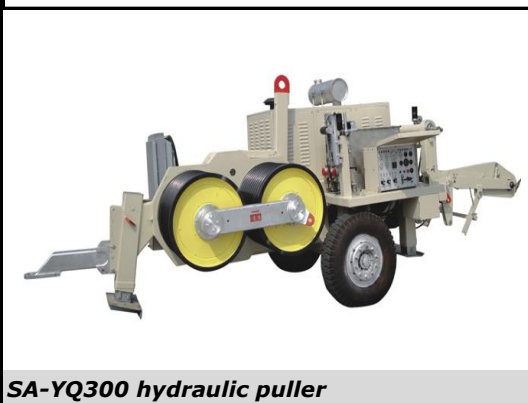
Maximum pull force(kN):90
Continuous pullforce (kN):80
Maximum speed(km/h):5
Bull wheel bottom of groove diameter(mm): $\Phi 520$
Bull wheel grooves number : 7
Maximum suitable steelrope diameter (mm): $\Phi 21$
Maximum through connector diameter (mm): $\Phi 60$
Engine power /speed(kW/rpm):123/2500
Dimensions (mm):4300×2100×2300
Weight (kg): 4300



SA-YQ220 hydraulic puller

Essential parameter

Maximum pull force(kN):220
Continuous pullforce (kN):180
Maximum speed(km/h):5
Bull wheel bottomof groove diameter(mm): $\Phi 760$
Bull wheel grooves number : 10
Maximum suitable steelrope diameter (mm): $\Phi 30$
Maximum through connector diameter (mm): $\Phi 75$
Engine power /speed(kW/rpm):243/2100
Dimensions (mm):5780×2350×2820
Weight (kg): 8000



SA-YQ300 hydraulic puller

Essential parameter

Maximum pull force(kN):300
Continuous pullforce (kN):250
Maximum speed(km/h):5
Bull wheel bottomof groove diameter(mm): $\Phi 960$
Bull wheel grooves number : 10
Maximum suitable steelrope diameter (mm): $\Phi 38$
Maximum through connector diameter (mm): $\Phi 95$
Engine power /speed(kW/rpm):298/2100
Dimensions (mm):5780×2350×2820
Weight (kg): 11500

Equipments for overhead power transmission line&underground distribution

Hydraulic Tensioner



SA-YZ30A hydraulic Tensioner

Essential parameter

Maximum Tension(kN):30
 Continuous Tension(kN):25
 Maximum speed(km/h):5
 Bull wheel bottom of groove diameter(mm): Φ 1200
 Number of grooves:5
 Maximum pull-back(kN):20
 Maximum suitable conductor diameter (mm): Φ 32
 Engine power /speed(kW/rpm):11/2200
 Dimensions (mm):3560 ×1600 ×2220
 Weight(kg):1700



SA-YZ2x40 hydraulic Tensioner

Essential parameter

Maximum Tension(kN):2×40 or 1×80
 Continuous Tension(kN):2×35 or 1×70
 Maximum speed(km/h):5
 Bull wheel bottom of groove diameter(mm): Φ 1500
 Number of grooves:2×5
 Maximum pull-back(kN):2×40 or 1×80
 Maximum pull-back speed (km/h):2×1.5
 Maximum suitable conductor diameter (mm): Φ 40
 Engine power /speed(kW/rpm):51/2500
 Dimensions (mm): 4500×2200×2800
 Weight(kg):4850



SA-YZ 4x45 hydraulic Tensioner

Essential parameter

Maximum Tension(kN): 4×45 or 2×90
 Continuous Tension(kN):4×40 or 2×80
 Maximum speed (km/h):5
 Bull wheel bottom of groove diameter (mm) : Φ 1500
 Number of grooves:4×5
 Maximum pullback (kN):4×45 or 2×90
 Maximum speedback (km/h):4×1
 Maximum suitable conductor diameter (mm): Φ 40
 Engine power /speed (kW/rpm):82/2500
 Dimensions (mm): 4700×2350 ×2800
 Weight(kg):11500

Puller Components

Main component :

1. Engine :Cummins (USA)water –cooled diesel engine .
 2. main variable displacement pump ,main motor:Rexroth(BOSCH)
 3. Reducer : RR(Italian)
 4. Main hydraulic valves: Rexroth (BOSCH)
 5. Radiator :AKG
- Hydraulic instrument :WIKA

Tensioner Components

Main component :

- 1.Engine :Deutz water –cooled diesel engine.
- 2.main pump and main motor :Rexroth (BOSCH)
3. Reducer : R.R(Italian)
4. Main hydraulic valve :Rexroth (BOSCH)
- 5.Hydraulic instrument :WIKA

Equipments for overhead power transmission line&underground distribution

Hydraulic Tensioner



SA-YZ40A hydraulic Tensioner

Essential parameter

Maximum Tension(kN):40
Continuous Tension(kN):35
Maximum speed(km/h):5
Bull wheel bottom of groove diameter(mm): $\Phi 1200$
Number of grooves:5
Maximum pull-back(kN):40
Maximum pull-backspeed(km/h):3
Maximum suitable conductor diameter (mm): $\Phi 32$
Engine power /speed(kW/rpm):51/2500
Dimensions (mm): 3400 $\times$ 1800 $\times$ 2400
Weight(kg):2800



SA-YZ2 $\times$ 35 hydraulic Tensioner

Essential parameter

Maximum Tension(kN):2 $\times$ 35 or 1 $\times$ 70
Continuous Tension(kN):2 $\times$ 30 or 1 $\times$ 60
Maximum speed(km/h):5
Bull wheel bottom of groove diameter(mm): $\Phi 1200$
Number of grooves:2 $\times$ 5
Maximum pull-back(kN):2 $\times$ 30 or 1 $\times$ 60
Maximum pull-backspeed(km/h):2 $\times$ 2.1
Maximum suitable conductor diameter (mm): $\Phi 32$
Engine power /speed(kW/rpm):51/2500
Dimensions (mm): 4400 $\times$ 2100 $\times$ 2600
Weight(kg):4000



SA-YZ 2 $\times$ 90 hydraulic Tensioner

Essential parameter

Maximum Tension(kN):2 $\times$ 90 or 1 $\times$ 180 ,
Continuous Tension(kN):2 $\times$ 80 or 1 $\times$ 160,
Maximum speed(km/h):5
Bull wheel bottom of groove diameter(mm): $\Phi 1850$
Number of grooves:2 $\times$ 6
Maximum pull-back(kN):2 $\times$ 90 or 1 $\times$ 180
Maximum pull-backspeed(km/h):2 $\times$ 1.7
Maximum suitable conductor diameter (mm): $\Phi 48.8$
Engine power /speed(kW/rpm):82.5/2500
Dimensions (mm): 5300 $\times$ 2290 $\times$ 2950
Weight(kg):10500

Puller Components

Main component :

1. Engine :Cummins (USA)water –cooled diesel engine .
2. main variable displacement pump ,main motor:Rexroth(BOSCH)
3. Reducer : RR(Italian)
4. Main hydraulic valves: Rexroth (BOSCH)
5. Radiator :AKG

Hydraulic instrument :WIKA

Tensioner Components

Main component :

- 1.Engine :Deutz water –cooled diesel engine.
- 2.main pump and main motor :Rexroth (BOSCH)
3. Reducer : R.R(Italian)
4. Main hydraulic valve :Rexroth (BOSCH)
- 5.Hydraulic instrument :WIKA

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Equipments for overhead power transmission line&underground distribution

Winch type compressed air brake tensioner

model :SA-KZM10

. Essential technical parameter :

Maximum tension (kN):10

Maximum linespeed (m/min):40

Bullwheel bottom of groove diameter (mm):Φ1100

Maximum suitable rope diameter (mm):Φ26

Dimensions(mm): 2300× 1200×1600

Weight (kg):470(can be disassembled to 5 pieces)

. feature :

- 1.adopt retarding with compressed air ,adjust tension by the air valve
- 2.light ,detachable and convenient to construct in mountainous area .



model :SA-YZM7.5

. Essential technical parameter :

Maximum tension (kN):7.5

Maximum linespeed (m/min):40

Bullwheel bottom of groove diameter (mm):Φ1100

Dimensions(mm):2300×1250×1620

Weight (kg) :450

. feature :

1. adopt retarding with hydraulic pressure.
2. light and convenient to construct in mountainous area



Model DQ40 Cable Pulling Capstan Winch

DATA SHEET

Item number	21135
Model	DQ40
Continuous pull force (kN)	40
speed (m/min)	0-12
steel rope diameter (mm)	Φ11
steel rope length (m)	650
Engine Power (hp)	24
Speed (rpm)	2000
Dimension (m)	3.67×1.80×1.50
Weight (kg)	2000



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Equipments for overhead power transmission line&underground distribution

Engine powered winch

Powered winches are the construction tools of erecting electric circuits of high pressure electric transmission in the sky and laying electrical underground. They can complete the tasks of heavy-lifting and dragging such as erecting the wire.

Honda engine powered winch

Capacity:1Ton	Capacity:3Ton
Power:4HP	Power:6HP
Pulling speed:10m/min	Pulling speed:4m/min

Capacity:5Ton	Capacity:8Ton
Power:9HP	Power:13HP
Pulling speed:4m/min	Pulling speed:3m/min



Yamaha engine powered winch

Capacity:1Ton	Capacity:3Ton
Power:4HP	Power:6HP
Pulling speed:10m/min	Pulling speed:4m/min

Capacity:5Ton	Capacity:8Ton
Power:9HP	Power:13HP
Pulling speed:4m/min	Pulling speed:3m/min



Local diesel engine powered winch

Capacity:3Ton	Capacity:5Ton
Power:4HP air-cooling	Power:6.6HP air-cooling
Pulling speed:5m/min	Pulling speed:4.5m/min

Capacity:8Ton	
Power:10.5HP	
Pulling speed:4m/min	



Electrical engine powered winch

Capacity:3Ton	Capacity:5Ton
Power:2.2kw	Power:3kw
Pulling speed:10m/min	Pulling speed:15m/min

Capacity:8Ton	
Power:4kw	
Pulling speed:12m/min	



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Equipments for overhead power transmission line&underground distribution

Engine powered winch

This winch type is used for lifting on the construction site, oral field and shipping as a crane.

Honda/Yamaha engine powered winch with wire rope

Capacity:3Ton	Capacity:5Ton
Power:6HP	Power:9HP
Pulling speed:11m/min	Pulling speed:8.5m/min

Local diesel engine powered winch with wire rope

Capacity:3Ton	Capacity:5Ton
Power:4HP air-cooling	Power:6.6HP air-cooling
Pulling speed:13m/min	Pulling speed:10m/min

Capacity:8Ton
Power:10.5HP
Pulling speed:7m/min



Note: the breake is spiral friction brake and piston ring brake, Steel wire rope is Length: 20M-30M. Dia: 10MM-15MM; Hook is forged steel.

Trailer for winch

Compect design, easy for transportation



Electric conversion winch

Line pull capacity (kg):2000-10000
average speed (m/min):12-9
Wire rope(mm):12.5-30



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Equipments for overhead power transmission line&underground distribution

Gin pole

Aluminum alloy inner-suspended lattice gin pole

Item number	Model	Length (m)	Allowable axial load (kN)	Cross section (mm)	Weight (kg/m)	Remarks
3119	LBNX250-8	8	37	□250	10.5	Single pulley, 2sets waist loop
3120	LBNX250-9	9	29			
3121	LBNX250-10	10	23			
3122	LBNX250-11	11	19			
3123	LBNX250-12	12	16			
3124	LBNX250-13	13	13			
3125	LBNX250-14	14	11			
3126	LBNX250-15	15	10	□300	11	Double pulley, 2sets waist loop
3131	LBNX300-11	11	29			
3132	LBNX300-12	12	24			
3133	LBNX300-13	13	22			
3134	LBNX300-14	14	18			
3135	LBNX300-15	15	16			
3136	LBNX300-16	16	13			
3137	LBNX300-17	17	12	□350	13.5	Double pulley, 2sets waist loop
3138	LBNX300-18	18	11			
3141	LBNX350-11	11	40			
3142	LBNX350-12	12	33			
3143	LBNX350-13	13	30			
3144	LBNX350-14	14	24			
3145	LBNX350-15	15	21			
3146	LBNX350-16	16	19	□400	14.6	Double pulley, 2sets waist loop
3147	LBNX350-17	17	17			
3148	LBNX350-18	18	15			
3151	LBNX400-12	12	43			
3152	LBNX400-13	13	38			
3153	LBNX400-14	14	32			
3154	LBNX400-15	15	28			
3155	LBNX400-16	16	25	□500	18	Double pulley, 2sets waist loop
3156	LBNX400-17	17	22			
3157	LBNX400-18	18	19			
3158	LBNX400-19	19	16			
3159	LBNX400-20	20	14			
3511	LBNX500-14A	14	75			
3512	LBNX500-15A	15	70			
3513	LBNX500-16A	16	64	□500	22	Double pulley, 2sets waist loop,strength
3514	LBNX500-17A	17	57			
3515	LBNX500-18A	18	50			
3516	LBNX500-19A	19	45			
3517	LBNX500-20A	20	41			
3518	LBNX500-21A	21	37			
3519	LBNX500-22A	22	34			
3521	LBNX500-17B	17	88	□600	20	Double pulley, 2sets waist loop
3522	LBNX500-18B	18	77			
3523	LBNX500-19B	19	70			
3524	LBNX500-20B	20	65			
3525	LBNX500-21B	21	60			
3526	LBNX500-22B	22	56			
3527	LBNX500-23B	23	52			
3528	LBNX500-24B	24	47	□600	24	Double pulley, 2sets waist loop,strength
3529	LBNX500-25B	25	42			
3531	LBNX600-17A	17	75			
3532	LBNX600-18A	18	70			
3533	LBNX600-19A	19	65			
3534	LBNX600-20A	20	60			
3535	LBNX600-21A	21	55			
3536	LBNX600-22A	22	49	□600	24	Double pulley, 2sets waist loop,strength
3537	LBNX600-23A	23	45			
3538	LBNX600-24A	24	41			
3539	LBNX600-25A	25	38			
3541	LBNX600-17B	17	119			
3542	LBNX600-18B	18	111			
3543	LBNX600-19B	19	104			
3544	LBNX600-20B	20	94			
3545	LBNX600-21B	21	85			
3546	LBNX600-22B	22	76			
3547	LBNX600-23B	23	70			
3548	LBNX600-24B	24	64			
3549	LBNX600-25B	25	58			



Equipments for overhead power transmission line&underground distribution

Aluminum alloy inner-suspended tubular gin pole

Item number	Model	Length(m)	Allowable axial Direction load (kN)	Cross section(mm)	Weight (kg/m)
3101	LBNG120-9	9	9	φ120	7.5
3102	LBNG120-10.5	10.5	6	φ120	
3111	LBNG150-9	9	15	φ150	8
3112	LBNG150-10.5	10.5	11	φ150	



Tower Mounted Gin Pole

Item number	Model	Length (m)	Allowable axial Directionload (kN)	Cross section (mm)	Weight (kg/m)
3171	LBGT100-5	5	14	φ100	5.5
3172	LBGT100-6	6	11		
3181	LBGT120-4.5	4.5	35	φ120	7.5
3182	LBGT120-5	5	26		
3183	LBGT120-6	6	18		
3184	LBGT120-7	7	14.5		
3191	LBGT150-6	6	31	φ150	8
3192	LBGT150-7	7	22		
3193	LBGT150-8	8	16		



Small Gin Pole Support

Item number	3201	3202
Model	JT130	JT200
Applicable maximum frame girder	∠125	∠200
Rated load(kN)	20	20
Weight(kg)	15	25



Aluminum Alloy Tubular A-Shape Gin Pole With Manual Winch

Item number	Model	Base stroke (m)	Allowable vertical load(kN)	Maximum length (m)	Hoisting with manual winch Maximum weight (kg)			Weight (kg/m)
					Hoisting directly	Using bi-pulley	Using tri-pulley	
3331	LBGR100J-6	2.1	18	9		600	720	5.5
3332	LBGR100J-7	2.4	13	11		550	700	
3341	LBGR120J-6	2.1	30	9	550	1050	1280	7.5
3342	LBGR120J-7	2.4	26	11	550	870	1040	
3343	LBGR120J-8	2.8	21	13		700	840	
3351	LBGR150J-8	2.8	31	13	550	1100	1500	8
3352	LBGR150J-9	3.1	28	15	550	1100	1500	
3353	LBGR150J-10	3.5	24	17	550	1050	1280	
3354	LBGR150J-11	3.8	20	19	550	980	1160	

Aluminum Alloy A-Shape Tubular Gin Pole

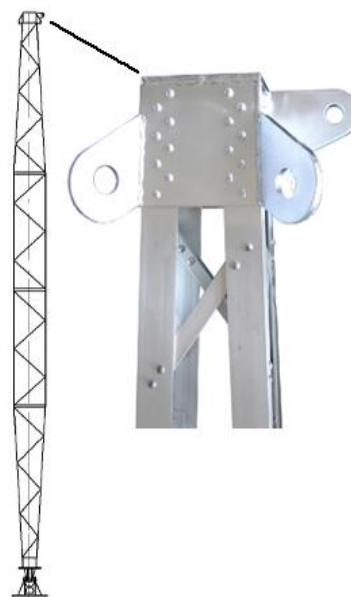
Item number	Model	Length(m)	Basestroke (m)	allowable vertical load (kN)	Weight (kg/m)
3301	LBGR100A-6	6	2.1	18	5.5
3302	LBGR100A-7	7	2.4	13	
3303	LBGR100A-8	8	2.8	10	
3311	LBGR120A-6	6	2.1	30	7.5
3312	LBGR120A-7	7	2.4	26	
3313	LBGR120A-8	8	2.8	21	
3314	LBGR120A-9	9	3.1	17	
3321	LBGR150A-8	8	2.8	31	8
3322	LBGR150A-9	9	3.1	28	
3323	LBGR150A-10	10	3.5	24	
3324	LBGR150A-11	11	3.8	20	
3325	LBGR150A-12	12	4.2	16	
3326	LBGR150A-13	13	4.5	13	



Equipments for overhead power transmission line&underground distribution

Lattice Single Gin Pole

Item number	Model	Length (m)	Allowable axial load (kN)	Cross section (mm)	Weight (kg/m)
3211	LBD250-8	8	37	□250	10.5
3212	LBD250-9	9	29		
3213	LBD250-10	10	23		
3214	LBD250-11	11	19		
3215	LBD250-12	12	16		
3216	LBD250-13	13	13		
3217	LBD250-14	14	11		
3218	LBD250-15	15	10		
3221	LBD300-10	10	35	□300	11
3222	LBD300-11	11	30		
3223	LBD300-12	12	24		
3224	LBD300-13	13	22		
3225	LBD300-14	14	18		
3226	LBD300-15	15	16		
3227	LBD300-16	16	13		
3231	LBD350-11	11	40	□350	13.5
3232	LBD350-12	12	33		
3233	LBD350-13	13	30		
3234	LBD350-14	14	24		
3235	LBD350-15	15	22		
3236	LBD350-16	16	19		
3237	LBD350-17	17	17		
3238	LBD350-18	18	15		
3241	LBD400-12A	12	43	□400	14.6
3242	LBD400-13A	13	38		
3243	LBD400-14A	14	32		
3244	LBD400-15A	15	28		
3245	LBD400-16A	16	25		
3246	LBD400-17A	17	22		
3247	LBD400-18A	18	19		
3248	LBD400-19A	19	16		
3249	LBD400-20A	20	14		
3251	LBD400-12B	12	65	□400	16.5
3252	LBD400-13B	13	57		
3253	LBD400-14B	14	50		
3254	LBD400-15B	15	44		
3255	LBD400-16B	16	38		
3256	LBD400-17B	17	35		
2357	LBD400-18B	18	30		
2358	LBD400-19B	19	26		
3259	LBD400-20B	20	23		
3261	LBD500-14A	14	75	□500	18
3262	LBD500-15A	15	70		
3263	LBD500-16A	16	64		
3264	LBD500-17A	17	57		
3265	LBD500-18A	18	50		
3266	LBD500-19A	19	45		
3267	LBD500-20A	20	41		
3271	LBD500-14B	14	120	□500	22
3272	LBD500-15B	15	110		
3273	LBD500-16B	16	100		
3274	LBD500-17B	17	88		
3275	LBD500-18B	18	77		
3276	LBD500-19B	19	70		
3277	LBD500-20B	20	65		
3281	LBD600-15A	15	87	□600	20
3282	LBD600-16A	16	81		
3283	LBD600-17A	17	75		
3284	LBD600-18A	18	70		
3285	LBD600-19A	19	65		
3286	LBD600-20A	20	60		
3287	LBD600-21A	21	55		
3288	LBD600-22A	22	49		
3291	LBD600-15B	15	140	□600	24
3292	LBD600-16B	16	128		
3293	LBD600-17B	17	119		
3294	LBD600-18B	18	111		
3295	LBD600-19B	19	104		
3296	LBD600-20B	20	94		
3297	LBD600-21B	21	85		
3298	LBD600-22B	22	76		



Equipments for overhead power transmission line&underground distribution

Aluminum Alloy A-shape Lattice Gin Pole

Item number	Model	Length (m)	Base stroke (m)	Allowable verticalload (kN)	Cross section (mm)	Weight (kg/m)
3361	LBR250-8	8	2.8	72	□250	10.5
3362	LBR250-9	9	3.1	56		
3363	LBR250-10	10	3.5	45		
3364	LBR250-11	11	3.8	38		
3365	LBR250-12	12	4.2	32		
3366	LBR250-13	13	4.5	27		
3371	LBR300-8	8	2.8	100	□300	11
3372	LBR300-9	9	3.1	87		
3373	LBR300-10	10	3.5	70		
3374	LBR300-11	11	3.8	56		
3375	LBR300-12	12	4.2	47		
3376	LBR300-13	13	4.5	40		
3377	LBR300-14	14	4.9	35	□350	13.5
3378	LBR300-15	15	5.2	31		
3379	LBR300-16	16	5.6	26		
3381	LBR350-8	8	2.8	120		
3382	LBR350-9	9	3.1	105		
3383	LBR350-10	10	3.5	94		
3384	LBR350-11	11	3.8	78	□400	14.5
3385	LBR350-12	12	4.2	65		
3386	LBR350-13	13	4.5	58		
3387	LBR350-14	14	4.9	46		
3388	LBR350-15	15	5.2	42		
3389	LBR350-16	16	5.6	37		
3391	LBR400-11A	11	3.8	98	□400	16.5
3392	LBR400-12A	12	4.2	85		
3393	LBR400-13A	13	4.5	75		
3394	LBR400-14A	14	4.9	64		
3395	LBR400-15A	15	5.2	56		
3396	LBR400-16A	16	5.6	48		
3397	LBR400-17A	17	5.9	44	□500	18
3398	LBR400-18A	18	6.3	38		
3401	LBR400-11B	11	3.8	147		
3402	LBR400-12B	12	4.2	129		
3403	LBR400-13B	13	4.5	113		
3404	LBR400-14B	14	4.9	98		
3405	LBR400-15B	15	5.2	86	□500	22
3406	LBR400-16B	16	5.6	75		
3407	LBR400-17B	17	5.9	69		
3408	LBR400-18B	18	6.3	60		
3411	LBR500-13A	13	4.5	162		
3412	LBR500-14A	14	4.9	148	□600	20
3413	LBR500-15A	15	5.2	136		
3414	LBR500-16A	16	5.6	125		
3415	LBR500-17A	17	5.9	112		
3416	LBR500-18A	18	6.3	98		
3417	LBR500-19A	19	6.6	88	□600	24
3418	LBR500-20A	20	6.9	81		
3421	LBR500-13B	13	4.5	256		
3422	LBR500-14B	14	4.9	234		
3423	LBR500-15B	15	5.2	215		
3424	LBR500-16B	16	5.6	196		
3425	LBR500-17B	17	5.9	173	□600	24
3426	LBR500-18B	18	6.3	151		
3427	LBR500-19B	19	6.6	138		
3428	LBR500-20B	20	6.9	127		
3431	LBR600-15A	15	5.2	171		
3432	LBR600-16A	16	5.6	160	□600	24
3433	LBR600-17A	17	5.9	148		
3434	LBR600-18A	18	6.3	138		
3435	LBR600-19A	19	6.6	130		
3436	LBR600-20A	20	6.9	120		
3437	LBR600-21A	21	7.3	108	□600	24
3438	LBR600-22A	22	7.6	96		
3441	LBR600-15B	15	5.2	275		
3442	LBR600-16B	16	5.6	252		
3443	LBR600-17B	17	5.9	234		
3444	LBR600-18B	18	6.3	219		
3445	LBR600-19B	19	6.6	204	□600	24
3446	LBR600-20B	20	6.9	186		
3447	LBR600-21B	21	7.3	168		
3448	LBR600-22B	22	7.6	150		



Up-hold type



Fixed type



base type 1



base type 2

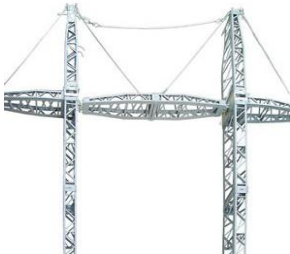


Equipments for overhead power transmission line&underground distribution

Emergency tower

Used for transmission lines tower of accident as temporary transitional measures replaces tower function, restore to the original tower, which either to repair, the choose and buy parts fittings, also used as grilled rod.

Wind resistance 25m/s



On glyph



Door glyph

Product Numbers	Type	Structure form	The use of voltage (KV)	Shout says height (m)	Pillar section	Applicable wires	Line distance between (m)	Weight (kg)
80213	LQX1-25S	On glyph	35-66	12.1	400*400	LGJ150	3.4	430
80214>	LQX1-11AS	On glyph	110	15.1	450*450	LGJ240	4.5	360
80215	LQX1-11AS	Door glyph	110	15.5	400*400	LGJ400	4.5	870
80216	LQX1-220S	Door glyph	220	18.5	400*400	LGJ400	6.5	1000

pulling grip/mesh sock

Cable/Conductor Pulling Grips are manufactured from high-grade galvanised steel wire, in a double or single weave construction.

Slipped over the outside of the cable when tension is applied the grip contracts applying the pulling the force to the cable.

length:6mm-150mm



single eye cable pulling grip



double eye cable pulling grip



Model	Cable Diameter/mm	Breaking Strength/Lbs	E	M
TG-062-24	15-18	5600	8	24
TG-075-24	18-25	6800	9	24
TG-100-24	25-37	9600	9	24
TG-150-24	37-50	16400	11	24
TG-200-24	50-63	18500	12	24
TG-250-24	63-75	24500	12	26
TG-300-24	75-88	24500	14	28
TG-350-24	88-101	31000	14	30
TG-400-24	101-114	32000	15	32
TG-450-24	114-127	34000	16	34
TG-500-24	127-152	36000	18	36
TG-600-24	152-177	38000	20	38
TG-075-36	18-25	6800	9	36
TG-100-36	25-37	9600	9	36
TG-150-36	37-50	16400	11	36
TG-200-36	50-63	18500	12	36
TG-250-36	63-75	24500	12	36
TG-300-36	75-88	24500	14	36
TG-350-36	88-101	31000	14	40
TG-400-36	101-114	32000	15	42
TG-450-36	114-127	34000	16	44
TG-500-36	127-152	36000	17	46
TG-600-24	152-177	38000	18	48



TG-600-36

152-177

38000

18

48

wrap cable pulling grip

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Gripping clamps/wire grip



Muti-function wire grip

Model	Rated Load(Ton)	Applicable Conductor/wire /cable (Dia:mm)	Max Gap(mm)	Weight (kg)
HC-WGM01	0.5	1-10mm	12	0.5
HC-WGM02	1	2.6-13	13	1
HC-WGM03	2	4-22	22	3
HC-WGM04	3	16-32	32	5



Dual –cam earthwire grip

Model	Rated Load(Ton)	Applicable wire(sqmm)	Max Gap(mm)	Weight (Kg)
HC-WGD01	1	25-50	11	1.9
HC-WGD02	2	50-70	13	2.4
HC-WGD03	3	70-120	15	3.5



Steel conductor wire grip

Model	Rated load (Ton)	Applicable conductor	Maximum gap (mm)	Weight (kg)
HC-WGS01	1	LGJ25~70	14	1.6
HC-WGS02	1.5	LGJ95~120	17	2.5
HC-WGS03	2	LGJ120~150	18	3
HC-WGS04	2.5	LGJ150~240	24	3.5
HC-WGS05	4	LGJ300~400	32	5
HC-WGS06	5	LGJ500~630	37	8.8
HC-WGS07	7	LGJ720	38	15



Conductor grip (aluminum alloy)

Model	Rated Load(Ton)	Applicable conductor ACSR(sqmm)	Max Gap(mm)	Weight (kg)
HC-WGA01	0.7	25-70	14	1
HC-WGA02	1.5	95-120	18	1.4
HC-WGA03	2.5	150-240	24	3
HC-WGA04	4	300-400	32	4
HC-WGA05	5	500-630	36	6.6
HC-WGA06	6	720-800	38	9.2



Grip for insulated conductors

MODEL	Rated load (Ton)	PROPER CONDUCTOR (MM ²)	Max Gap(mm)	Weight (kg)
HC-WGI01	5	1-10	12	1
HC-WGI02	10	10-14	15	1.4
HC-WGI03	15	14-20	22	3
HC-WGI04	20	20-25	27	4
HC-WGI05	20	25-29	31	4



MODEL	Rated load (Ton)	PROPER CONDUCTOR	Max Gap(mm)	Weight (kg)
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Parallel Ground Wire Grip

HC-WGP01	1.5	GJ35	14	2.1
HC-WGP02	2	GJ50	18	2.1
HC-WGP03	2.5	GJ70	20	3.6
HC-WGP04	3	GJ100	32	3.6



Earthwire automatic grip

MODEL	Rated load (Ton)	Applicable Stranded wire	Maximum gap (mm)	Weight (kg)
HC-WGE01	0.5	GJ10~25	10	2
HC-WGE02	1	GJ25~50	12	2
HC-WGE03	2	GJ50~70	14	2.9
HC-WGE04	3	GJ70~120	16	3.5
HC-WGE05	5	GJ150~185	20	8.3



Grip for anti-twist steel rope

MODEL	Rated load (Ton)	Applicable wire rope	Maximum gap (mm)	Weight (kg)
HC-WGT01	5	□11~15		6.5
HC-WGT02	7	□16~18		8.5
HC-WGT03	12	19~21 OR □22~24		13.6
HC-WGT04	20	□26~30		32.5



Bolt Type Anti Twist Steel Rope Gripper

Model	Rated load (kN)	Applicable steel wire rope(mm)	Weight (kg)
SKGF-2	20	□7、□9	3
SKGF-3	30	□11	4.5
SKGF-5	50	□13、□15	7.5
SKGF-6	60	□16、□18	9
SKGF-8	80	□20	12
SKGF-10	100	□22、□24	15



Bolt Type Radial Locking Clamp

Rated load :150kN

The diameter of applicable conductor range :Φ37~Φ45mm(should confirm the diameter of conductor before proceeding production)

Tighten moment of compression bolt : 120N.m

Weight :50kg.



Earth Wire Gripper

Model	Rated load (kN)	Applicable Stranded wire	Maximum gap (mm)	Weight (kg)
SKD25	10	GJ25	95	25
SKD35	10	GJ35	95	25
SKD50	15	GJ50	10	35
SKD70	20	GJ70	125	50
SKD100	30	GJ100	14	60

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Equipments for overhead power transmission line&underground distribution

Hoist

Lever hoist, chain hoist, electric hoist, ratchet lever hoist, trolley



lever hoist



chain hoist



chain hoist



mini chain hoist



electric hoist



electric hoist



trolley



ratchet trolley

Tightener



wire rope hoist



Ratchet hand wrenching tackle block



Frictional ratchet withdrawing wire tool





turnbuckle



turnbuckle



turnbuckle



turnbuckle

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Equipments for overhead power transmission line&underground distribution

Anti-twist steel wire rope

Anti-Twisting Steel Wire Rope is specially braided from 1960 Mpa high-strength galvanized steel wire.

It's widely used as pilot rope in power line stringing operation.

Common used diameter is 7mm, 9mm, 11mm, 13mm, 15mm, 18mm, 20mm, 21mm, 24mm, 27mm, 30mm, 33mm, 36mm.

Order number	Structure	Diameter (mm)	Single bundle diameter (mm)	Breaking force (kN)	Production length (m)
18101	Square eight strands	7	Φ2.0	34.38	1000
18102		9	Φ2.5	53.9	
18103		11	Φ3.0	76.94	
18104		13	Φ3.5	105.04	
18105		15	Φ4	116.6	
18109	Square twelve strands	11	Φ2.5	80.8	800
18110		13	Φ3.0	115.4	
18111		15	Φ3.5	157.55	
18112		18	Φ4.0	206.27	
18113		20	Φ4.5	260.3	
18118	Hexagon twelve strands	11	Φ2.5	80.8	1000
18119		13	Φ3.0	115.4	
18120		15	Φ3.5	157.5	
18121		18	Φ4.0	205.71	
18122		20	Φ4.5	260.34	
18123	Hexagon eighth strands	24	Φ5.0	320.82	800
18140		21	Φ3.0	173.1	
18141		24	Φ3.5	236.33	
18151		27	Φ4.0	309.4	
18152		30	Φ4.5	389.28	
18153	Hexagon eighth strands	33	Φ5.0	481.22	600
18154		36	Φ5.5	581.75	



Running board



Running board for two bundle conductors



Running board for four bundle conductors





Running board for six bundle (or eight) conductor

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Equipments for overhead power transmission line&underground distribution

Hoist tackle

Iron sheave hoisting tackle

Model	Number of sheaves	Rated load (kN)	Outsidediameter×width(mm)	Max.diameter of rope (mm)	Weight (kg)	Hoisting point type	
QH1-1K	1	10	Φ100×31	Φ7.7	2.8	G	H
QH1-2	2	10	Φ80×28	Φ6	2.8	G	H
QH1-3	3	10	Φ80×27	Φ6	4.1	G	H
QH2-1K	1	20	Φ120×35	Φ9.3	4.2	G	H
QH2-2	2	20	Φ100×31	Φ7.7	4.2	G	H
QH2-3	3	20	Φ100×31	Φ7.7	6	G	H
QH3-1K	1	30	Φ150×39	Φ11	7	G	H
QH3-2	2	30	Φ120×35	Φ9.3	5.3	G	H
QH3-3	3	30	Φ100×31	Φ7.7	6.5	G	H
QH5-1K	1	50	Φ166×40	Φ13	9.6	G	H
QH5-2	2	50	Φ150×39	Φ11	10.8	G	H
QH5-3	3	50	Φ120×35	Φ9.3	7.7	G	H
QH8-1K	1	80	Φ205×50	Φ17	12.5	G	H
QH8-2	2	80	Φ166×40	Φ13	17	G	H
QH8-3	3	80	Φ150×39	Φ11	17.5	G	H
QH10-1K	1	100	Φ246×60	Φ18.5	25	G	
QH10-2	2	100	Φ166×40	Φ13	18.5		H
QH10-3	3	100	Φ150×39	Φ11	20		H
QH15-1K	1	150	Φ280×65	Φ21.5	34		
QH15-2	2	150	Φ205×50	Φ17	22		H
QH15-3	3	150	Φ166×40	Φ13	26		H
QH15-4	4	150	Φ150×39	Φ11	30		H
QH20-4	4	200	Φ205×50	Φ17	50		H

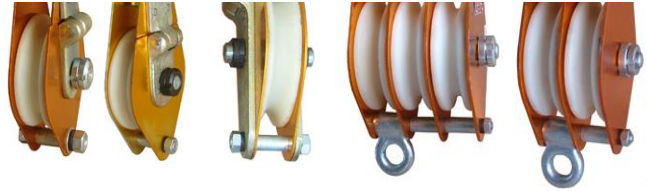
Aluminous alloy and MC nylon sheave hoisting tackle

Model	Number of sheaves	Rated load (kN)	Outsidediameter×width(mm)	Max.diameter of rope	Weight (kg)	Hoisting point type	
QH1GN-1K	1	10	Φ100×31	Φ7.7	1.8	G	H
QHN1-2	2	10	Φ80×27	Φ6	1.8	G	H
QHN1-3	3	10	Φ80×27	Φ6	2.1	G	H
QHN2-1K	1	20	Φ120×35	Φ9.3	2.2	G	H
QHN2-2	2	20	Φ100×31	Φ7.7	2.6	G	H
QHN2-3	3	20	Φ100×31	Φ7.7	3.7	G	H
QHN3-1	1	30	Φ150×39	Φ 11	3.4	G	H
QHN3-2	2	30	Φ120×35	Φ9.3	4.5	G	H
QHN3-3	3	30	Φ100×31	Φ7.7	4.6	G	H
QHN5-1K	1	50	Φ166×40	Φ13	5.2	G	H
QHN5-2	2	50	Φ150×39	Φ11	5.5	G	H
QHN5-3	3	50	Φ120×35	Φ9.3	5.1	G	H
QHN8-1K	1	80	Φ205×49	Φ17	7.2	G	H
QHN8-2	2	80	Φ166×40	Φ13	8.3	G	H
QHN8-3	3	80	Φ150×39	Φ11	7.9	G	H
QHN10-1K	1	100	Φ246×60	Φ18.5	11.4	G	
QHN10-2	2	100	Φ166×40	Φ13	10.2		H
QHN10-3	3	100	Φ150×39	Φ11	11.7		H
QHN15-1K	1	150	Φ280×65	Φ21.5	12.1		
QHN15-2	2	150	Φ205×49	Φ17	12.8		H
QHN15-3	3	150	Φ166×40	Φ13	11.8		H
QHN15-4	4	150	Φ150×39	Φ11	13.9		H





Iron sheave hoisting tackle



Aluminous alloy and MC nylon sheave hoisting tackle

Equipments for overhead power transmission line&underground distribution

Coir rope aluminous hoisting tackle

Model	Style	Rated load (kN)	Outside diameter × width (mm)	Weight (kg)
QH1GL-1	Monosheave ,open ,hook	10	Φ100×31	2.2
QH2GL-1	Twin –sheave ,hook	10	Φ80×27	2.3
QH2HL-1	Twin –sheave, ring	10	Φ80×27	1.9
QH3GL-1.5	Tri –sheave, hook	15	Φ80×27	3
QH3HL-1.5	Tri –sheave, ring	15	Φ80×27	2..6
QH3GL-2	Tri –sheave, hook	20	Φ100×31	4.5
QH3HL-2	Tri –sheave, ring	20	Φ100×31	3.5
QH2GL-2	Twin –sheave, hook	20	Φ100×31	3.6
QH2HL-2	Twin –sheave, ring	20	Φ100×31	3
QH1HL-2	Monosheave, open, ring	20	Φ120×35	3.4



Insulated epoxy resin plate hoist tackle

1 Ton single sheave tackle

Weight:1kg



1 Ton single sheave tackle

Weight:1.5kg



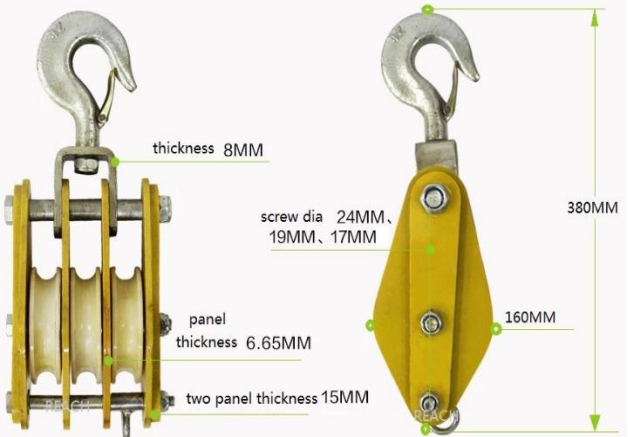
2Ton two sheave tackle

Weight: 2.6kg



2Ton Three sheave tackle

Weight:3.5kg

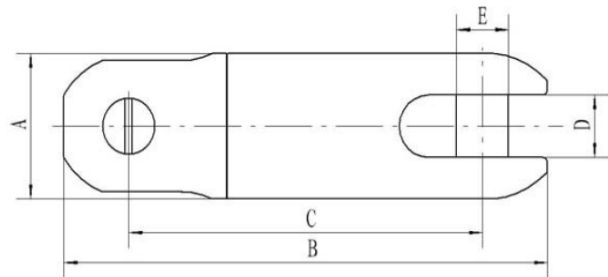


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Equipments for overhead power transmission line&underground distribution

Cable Pulling Swivel Connector

Model	Dimension(mm)					Rated load(kn)	Weight(kg)
	A	B	C	D	E		
SLX-0.5	19	61	40	8	8	9	5
SLX-1	30	100	70	12	12	13	10
SLX-2	35	120	90	14	14	14	20
SLX-3	37	129	95	16	16	16	30
SLX-5	42	154	116	18	18	17	50
SLX-6.5	51	185	140	20	20	65	2
SLX-8	57	220	165	24	22	80	2.4
SLX-13	62	248	192	26	24	130	3.5
SLX-18	75	294	222	26	26	180	7.2
SL250	85	331	251	30	30	250	10.6
SL250Y	80	323	243	30	30	250	8



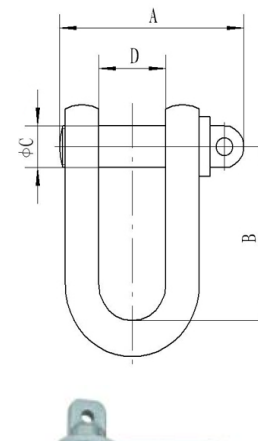
Cable Fixed Joints

Model	Rated load(ton)	Inside Dia(mm)	Length(mm)	Weight(kg)
SLX-1	1	14	70	0.11
SLX-3	3	18	75	0.14
SLX-5	5	20	95	0.56
SLX-8	8	25	110	1.04



High strength shackle

Model	Main size (mm)				Rated load(kN)	Weight (kg)
	A	B	C	D		
GXK-1	55	42	12	20	10	0.15
GXK-2	67	58	16	24	20	1.29
GXK-3	97	82	20	34	30	0.8
GXK-3A	97	112	20	34	30	0.9
GXK-5	107	89	22	38	50	1.12
GXK-5A	107	131	22	38	50	1.29
GXK-8	128	97	30	45	80	2.4
GXK-10	141	114	34	48	100	3.56
GXK-16	152.5	139	37	54	160	4.8



GXK-20	164	140	39	60	200	5.17
GXK-30	186	146	50	68	300	7.5



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Equipments for overhead power transmission line&underground distribution

Electronic dynamometer



Model	Max. Measure Force	Tolerance	Weight (kg)
ZLJ10	10 KN	±3%	2.8
ZLJ30	30 KN	±3%	2.8
ZLJ50	50 KN	±3%	4.4
ZLJ100	100 KN	±3%	8.1



Zoom sag-scope



- uses:to observe the sagging by means of the parallelogram method and different length method .can mount the theodolite on the nylon
- magnification factor : 4
- applicable angle iron : $\angle 56 \sim 125$
- weight (kg):1.6

Overhead line bickcles



Two-conductor bundle line cart



Single conductor line cart





Four conductor line cart

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Equipments for overhead power transmission line&underground distribution

REMOTE CONTROL DRONES

Technical parameters

Dimension	1100*1100*500mm	Power source	Polymer lithium battery
Main rotor length	380mm	Battery capacity	16AH
Body	Carbon fiber	Max power	8*888W
Weight	4KG	Cooling	Air cooling
Max take-off weight	10KG	Max flight altitude	5200m
Max load	5KG	Environment	-30°C——
Duration of flight	25min	Take off and land mode	Vertical take-off and landing
Max range	15km	Wind resistance	6 grade
Max flight height	2km	Hover accuracy	Horizontal 10cm vertical 5cm
Max cruising speed	72km/h	Auto flight control	yes





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Equipments for overhead power transmission line&underground distribution

Cable installation tools

Trenchless Horizontal Directional Drilling Machine



Main Characteristics:

1. The hydraulic system has simple and practical design. By optimization of national hydraulic engineering lab, the system is featured by stable and reliable operation, low fault, and easy maintenance.
2. The travel system uses steel crawler and block rubber, so it has wide applicable range, low maintenance cost, reducing use cost.
3. The oversized hydraulic oil tank ensures hydraulic oil operates at low temperature. hydraulic system is more stable and reliable in operation.
4. The scientific and simple pipeline layout ensures little pressure loss, and low fault.

Main Technical Parameters

Engine Power:132KW	Rated Torque: 12000N·m
Output Shaft Speed:0~100r/min	Rated Pull-back Force:300KN
Slurry Pump Displacement:250L/min	Rated Jacking Force:220KN
Drill Pipe Specification: $\Phi 73 \times 3000\text{mm}$	Buried Angle:10~21°
Overall Dimensions of Main Engine:5800×2150×2050mm	Entire Machine Weight:9.3T





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Equipments for overhead power transmission line&underground distribution

Cable roller



Straight cable roller

Pipe frame straight cable roller



Pipe frame straight cable roller

Triple sheaves cable roller

Corner cable roller

Opening protection roller



Cable tuning roller

cable entrance protection roller



cable entrance protection roller



Hold -on roller

Corner ground roller assembly (steel roller)

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Equipments for overhead power transmission line&underground distribution

Fiberglass duct rodder

Duct Rodders are composed of fiber glass rod which was extruded by fiber glass and high strength resin at high temperature.

This type of rod has high tensile strength and flexibility.

It was covered by a high density polyethylene engineering plastic as its protect layer,

which make duct rodder cover sliding on surface, durable, corrosion resistant and has good insulation performance,

which make them safe for using in cable occupied duct.

We could produce from 4 to18mm diameters' duct rodder.

Fiberglass Duct Rodder

wire size(mm)	4.5~18
length(m)	50~300
linear density(g/m)	145
pulling damage tension(kg)	600
min bending radius(mm)	300
working temp(℃)	-40-80
pulling break tension(t)	4.5

weight(kg)

Feature:

1.Tickness of steel tube:2.2mm

2.wheel: Outside diameter is 8cm,

by high strength glass reinforced plastic material.



3.linner: protected linner is used to keep the device durable.



4. Reinforced bar: Four reinforced bar is designed for support the heavy frame.



5. Stainless steel rodder head.





colour can be customized

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Equipments for overhead power transmission line&underground distribution

Hydraulic compression equipments

Superhigh pressure hydraulic pump station

Model	Rated oil pressure (MPa)	Flow (L/min)	Engine	Power (kW)	Weight (kg)
HC-HP1	75	1.5	Diesel Z170F	2.94	101
HC-HP2	75	1.5	Motor Y90L-4	1.5	68
HC-HP3	75	1.5	Honda gasoline GX160	4.1	68
HC-HP4	75	1.5	Diesel Z170F	2.94	110



Hydraulic compressor

model	maximum Compression (kN)	maximum oil pressure (MPa)	Applicable conductor	stroke (mm)	weight(kg)
QY-25	250	60	≤LGJ240	22	6
QY-35	350	70	≤LGJ240	25	12
QY-65	650	94	≤LGJ500	25	25
QY-125	1250	94	≤LGJ720	25	40
QY-200	2000	94	≤LGJ1440	25	85



Hexagon compression die sets for conductor /earthwire



Arc compression die sets conductor/earthwire



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Equipments for overhead power transmission line&underground distribution

High Pressure Hydraulic Pump

Model	CP-180	CP-700	CP-700F
Max Pressure	60kg/cm ²	700kg/cm ²	700kg/cm ²
Min Pressure	—	20kg/cm ²	20kg/cm ²
Oil Volume (high)	20CC	2.3CC	2.3CC
Oil Volume (low)	—	13CC	13CC
Oil Tank (cc)	400	900	1100
Weight (kg)	3.8	9.5	10.5



▼ CP-180



▼ CP-700



▼ CP-700F





Cable feeder



Model Type	DSJ-150	DSJ-180
Line pulling(KGS)	700	900
Pulling Speed(m/min)	8	6
Electric motor	1.1KW *2	1.5KW * 2
Oversize dimension	950*500*400	1020*590*400
Weight(KGS)	150	180-200
Cable diameter	Φ30 - 180 mm	Φ30 - 200 mm
Transimission	I=45	I=60
Rubber sheet thickness	25mm	25mm

OPGW Cable Pusher



- 1 Traction: >250KG
- 2 Traction Speed: 20-88 m/min
- 4 Conveyor Port maximum opening size: 5mm-45mm
- 5 Applicable cables: 288 cores below/7*2.6/4*35m2 (OPGW cable/ACSR/Electric power cable)
- 6 Belt Size: Circumference 1000m * Width 60mm*12mm
- 7 Engine Gasoline Tank: 5 liters (90/92# gasoline)
- 8 Total equipment Power: 7.5 KW
- 9 Machine Size: 85*65*80cm/length * Width * height
- 10-Wire bracket size: outer diameter 100cm * Inner diameter 80cm (removable)
- 11 Machine Weight: 80KG 12 Gears: Push, fast pull, empty, slow pull

Diesel Engine OPGW Cable Pusher



1. traction: >300 KG
2. traction maximum speed: 60m / min
3. Applicable cable: 48 core - 288 core or cable diameter greater than 13mm
4. engine power: 4KW
5. machine weight: 100KG
- 6.Gears: Push, fast pull, empty, slow pull

Firberglass Duct Rodder Blow-in Pusher



- 1 Traction: >250KG
- 2 Traction Speed: 20-88 m/min
- 4 Conveyor Port maximum opening size: 5mm-45mm
- 5 Applicable cables: 288 cores below/7*2.6/4*35m2
- 6 Belt Size: Circumference 1000m * Width 60mm*12mm



7 Engine Gasoline Tank: 5 liters (90/92# gasoline)

8 Total equipment Power: 7.5 KW

9 Machine Size: 85*65*80cm/length * Width * height

10-Wire bracket size: outer diameter 100cm * Inner diameter 80cm (removable)

11 Machine Weight: 80KG 12 Gears: Push, fast pull, empty, slow pull

Cradle reel elevator



Reel



Cradle reel stand



Upright payout turntable



Integrated reel stand with disc tension brake



Model DW2240A conductor reel stands



Model SIPZ-7H conductor reel stands



Model SIPZ-7K conductor reel stand:



Reel payout stand with drum brake



hydraulic jack cable stand



Simple reel payout stand





The cable reel stands has various load capacity for different size reel,
please contact our sales department for the detailed specifications.

cable trailer



Applicable reel: $\Phi 1600$



Applicable reel: $\Phi 3200$



Applicable reel: $\Phi 1400$



Applicable reel: $\Phi 2400$



Applicable reel: $\Phi 3600$



Cable length measuring device

Cables of diameter 4 - 35 mm can be measured quick and easily.

Measuring devices with mounting panels

Measuring range: 0-10000 km



Cable/conductor cutter&stripper



Model XLJ105Y hydraulic cable shear



Model DDQ110 cable shear saw



Model DBE insulation sharpener



Model DBB105 versatile stripper



(overhead cable) insulated conductor stripper



Model NP20 optical fiber cable out-kink cutter





Safety Devices



Safety harness(A)



Safety harness (B)



Safety harness(C)



Safety harness (D)



lanyard



lanyard and hook



Safety catcher



accessories



Climber



Climb plate



lanyard



Safety helmet



Insulating shoes



Insulating glove





Insulating boot&mat



anti-cut glove



protecting glasses

Live line work tools



10KV live line work tools



10KV live line work tools



Telescopic hot stick



Holding sticks



Disconnect sticks



Aluminous alloy tackle



Insulating tackle



Two way pulley



Insulating scissor



Insulating lever hoist



Insulating ladder



Insulating ladder



360° Insulating platform



Telescopic electroscope



Earth wire



Moistureproof silk rope



Insulating nylon rope



Moistureproof silk ladder



Braided silk ladder



Nylon ladder

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