

액세서리 Accessories

PORTABLE EARTHING KIT YL-A110



특징

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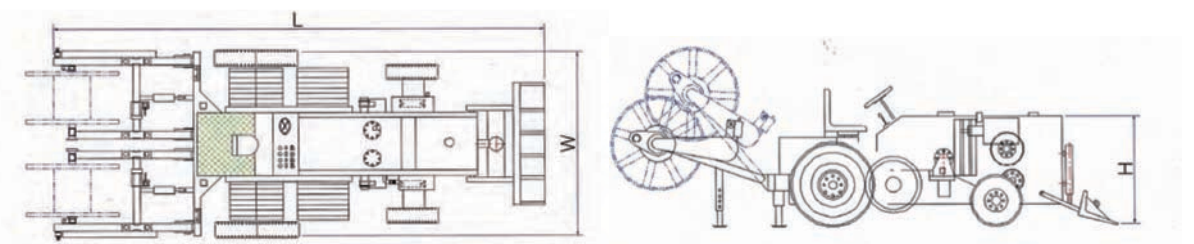
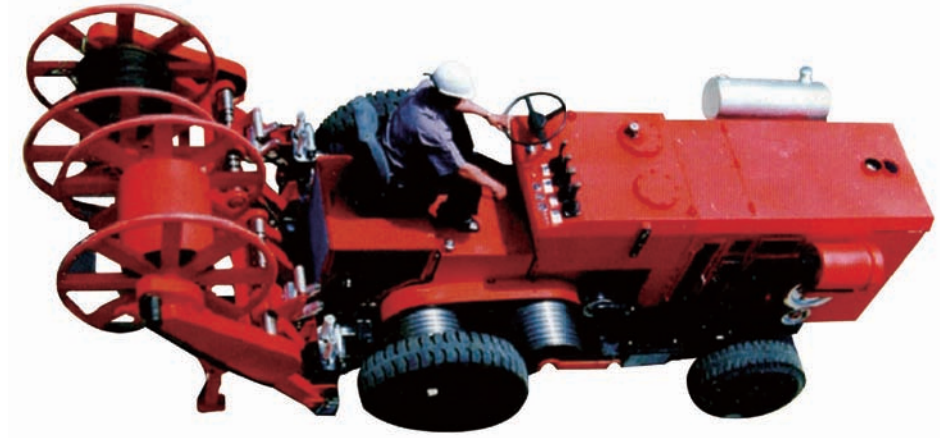
Feature

- Used to prevent electric shock disasters(missed connection, lightning, induced voltage, or contact with other line)
- thru shorting and grounding while working on transmission line.

Technical Data

모델명 Model	사용전압 Voltage	접지선 Ground Leads	접지봉 Insulation Rod
YL-A110-066	66KV	25mm ² * 3m * 3EA	Ø25mm ² * 1.3m * 1Stage
YL-A110-154	154KV	25mm ² * 4m * 3EA	Ø25mm ² * 1.3m * 2Stages
YL-A110-345	345KV	35mm ² * 6m * 3EA	Ø25mm ² * 1.3m * 4Stages
YL-A110-765	765KV	35mm ² * 13.5m * 3EA(Line)	Ø25mm ² * 13.5m * 9Stages
		25mm ² * 13.5m * 3EA(Work)	

풀러 Hydraulic puller



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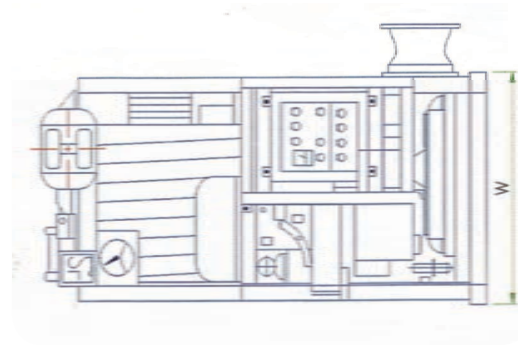
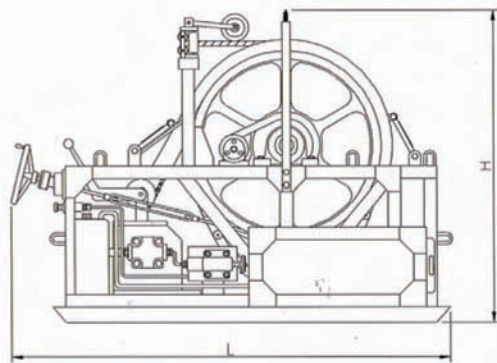
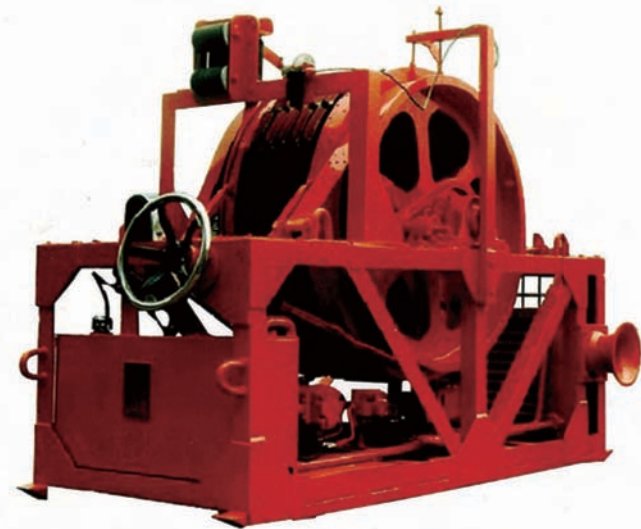
Feature

- Hydraulically controlling the direction (forward, backward & stop) and the speed simply by use of joystick lever.
- Alarming buzzer for excess load over preset value and digital dynamometer(2)&speedometer(2)equipped.
- Excellent safety by dual hydraulic brake systems(hyd.Cylinder brake & hyd. Motor brake)
- Bull Wheel inside removable tire and hydraulic ground supporter(front & rear)
- Self driven system enabling short distances's movement
- Two reel winders incorporated for self-loading of drum with hydraulic cylinder

Technical Data

모델명 Model	Max pull	Max. pull speed	Driving speed	엔진 유형 Engine type	바퀴 직경 Bull wheel dia	홈 Grooves	적용 릴 Applicable reel	규격 Dimension (WxLxH)	중량(kg) Weight
YL-P312-070	3.5+3.5 or 7 ton	60 M/Min	10 km/H	145 HP	(ø600+ø600)X2	(5+5)X2	ø1,150x700mm	2,200x5,700x2,300	4,600
YL-P312-120	6+6 or 12 ton	60 M/Min	10 km/H	220 HP	(ø650+ø650)X2	(6+6)X2	ø1,150x700mm	2,300x6,200x2,500	7,700
YL-P312-180	9+9 or 18 ton	60 M/Min	10 km/H	250 HP	(ø710+ø710)X2	(7+7)X2	ø1,150x700mm	2,400x6,700x2,700	9,800

텐서너 Hydraulic Tensioner



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Feature

- As shoe chain type, protecting conductor from damages and smooth pass of pulling grip or stringing clamp
- Daul brake system of hydraulic brake(3 ton) and hand brake (2 Ton) enhancing the safety
- Dynamometer & distance meter equipped
- Detachable trailer & connection devices for twin operation optional

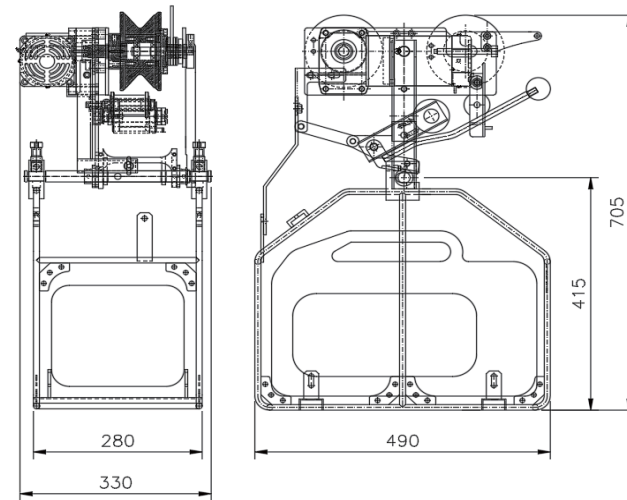
Technical Data

모델명 Model	바퀴 직경 Bull wheel dia	정격 장력 Rated tension	Applicable conductor	Brake		규격(mm) Dimension (WxLxH)	중량(kg) Weight
				Hydraulic	Hand		
YL-T110-120	ø1.2M	5 Ton	ø35mm	3 Ton	2 Ton	1,000x2,550 x1,820	1,800
YL-T110-150	ø1.5M	7 Ton	ø50mm	4 Ton	3 Ton	1,050x2,850 x2,150	2,300

OPGW 라이브 라인 시공 시스템 OPGW Live Line System

- 풀링로봇 (자주기)
Pulling Robot
- 조금차 롤러
Supporting Roller
- 풀링로프
Pulling Rope

풀링로봇 (자주기) Pulling Robot



핵심요소

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특징

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Technical Data

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Key Facts

- To exchange conductors or OPGW on live line tower.
- Install new line using secured synthetic ropes with supporting rollers on existing conductors or OPGW.

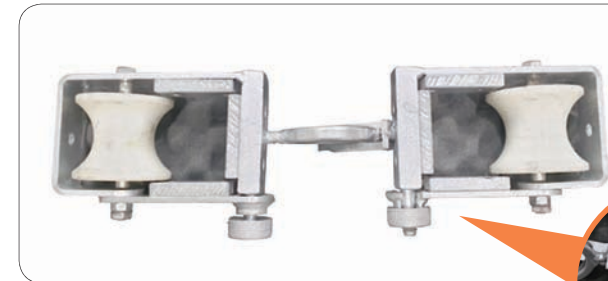
Feature

- Simply made that high-strength steel mainframe, AC type geared motor, and drive wheels made of aluminium with abrasion-resistant material.
- Easy to operate to provides the function of temporarily stop, overload prevention, and non-motorized reverse rotation when pulling back.
- AC 220V output generator made by Honda used as the power source.
- The body and drive motor are installed in parallel, making it easy to use in a narrow place.

Technical Data

- Pulling speed : 15m/min
- Applicable diameter of conductor : 12mm
- Climbing gradient : Max 30
- Pulling tension : Max 60Kgf
- Dimension (WxHxD) : 480mmx700mmx500(mm)
- Weight : 37Kg

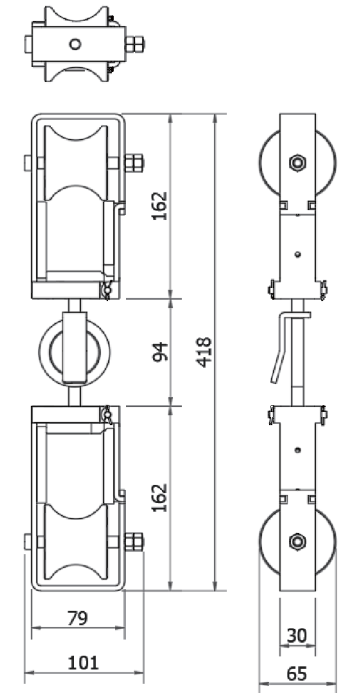
조금차 롤러 Supporting Roller



▲ P860, P860A



▲ P860B



핵심요소

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Technical Data

모델명 Model	YL-P860	YL-P860A	YL-P860B
종류 Type	2 wheels		2 wheels
적용로프외경 Max. Applicable dia	50mm		30mm
작업하중 Working load	200Kgf		200Kgf
프레임 재질 Frame material	Steel		Steel
롤러 재질 Roller material	Polyamid	Aluminium	Polyamid
규격(mm) Dimension(LxWxH)	418x101x65		
중량(kg) Weight	2.0	3.0	2.5

Key Facts

- Specially designed for the exchange of conductors and OPGW
- Working with live line possible in order to exchange of OPGW above live conductors.

Feature

- Installed at specific intervals on the guide rope in order to prevent sagging and vibration of conductors and OPGW.
- Conductors and OPGW can be able to up side-down after finished stringing
- Alternative for a scaffolding, when it is crossing river, streets or railway lines.
- Protection of conductors and OPGW by rope-enclosing.

풀링로프 Pulling Rope



외경(mm) Out diameter	재질(dtex) Material	가닥 Strands	제동하중(kgf) Braking load	신장률(%) Elongation at breaking
16	Nylon multi-filament 1,100	12 plaited	5.650 (Dry condition)	34.7 (Dry condition at 80% Braking load)
상대 밀도(%) Relative density	색상 Color	포장(Roll) Unit	규격(mm) Demension	중량(mm) Weight
111.0	흰색 (White)	1,000M	420x480 (WxH)	116.7g/M

Diameter		PP Rope		Manila Rope	
mm	inch	파단 하중(ton) Breaking load	중량(kg/200m) weigh	파단 하중(ton) Breaking load	중량(kg/200m) weigh
4	5/32	0.22	1.5	0.13	2.22
5	3/16	0.34	2.3	0.20	3.4
6	1/4	0.50	3.5	0.28	5
8	5/16	0.85	6.2	0.47	9.5
9	3/8	1.06	7.8	0.59	12
10	13/32	1.29	9.6	0.72	14
12	15/32	1.80	13.9	1.01	21
14	9/16	2.40	18.8	1.34	28
16	5/8	3.00	24.2	1.72	38
18	23/32	3.80	30.8	2.14	44
20	13/16	4.50	38.0	2.61	55

초고압케이블 운용 장비 UNDERGROUND CABLING EQUIPMENT

1. 시공 EHV Cabling

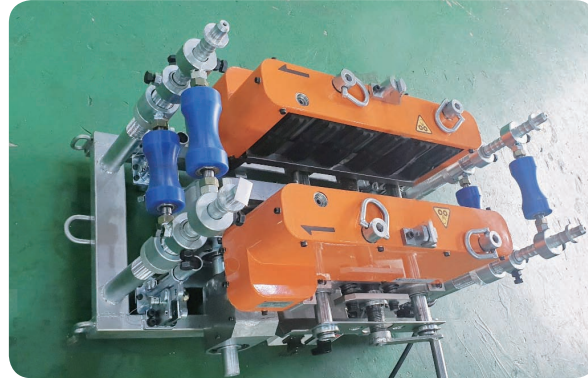
- 케이블 풀링머신
Pulling machine
- 롤러
Rollers

2. 접속 EHV Conjunction

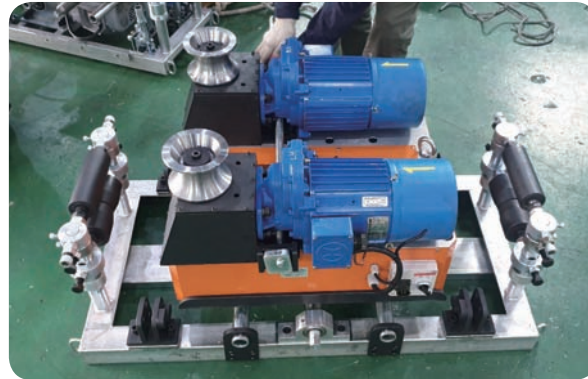
- 초고압 케이블 탈피 장비
EHV cable outer sheath insulation remover
- 어닐링 장비
Annealing equipment
- PMJ 삽입기
PMJ sleeve insert machine
- 연결
Connection

시공 EHV Cabling

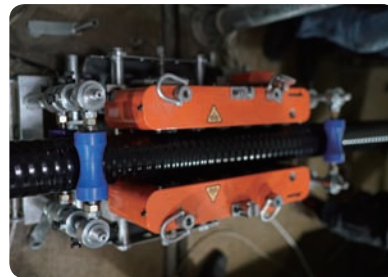
• YL-U350 / YL-U500



• YL-U1000



➔ YL-U350 현장사진

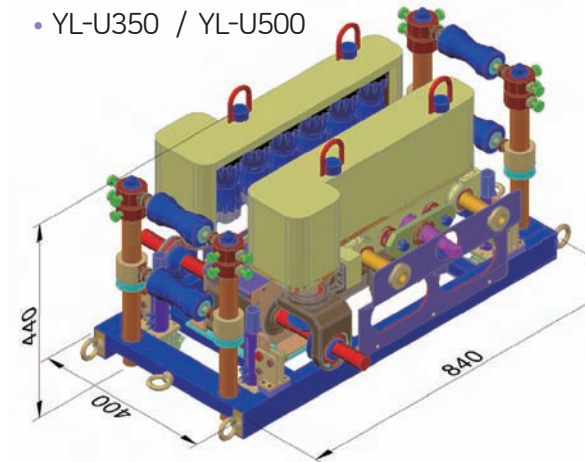


➔ YL-U1000 현장사진

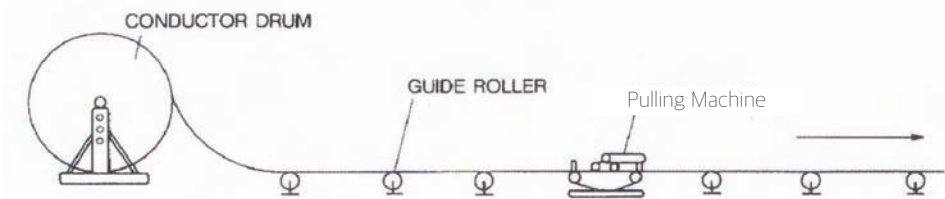
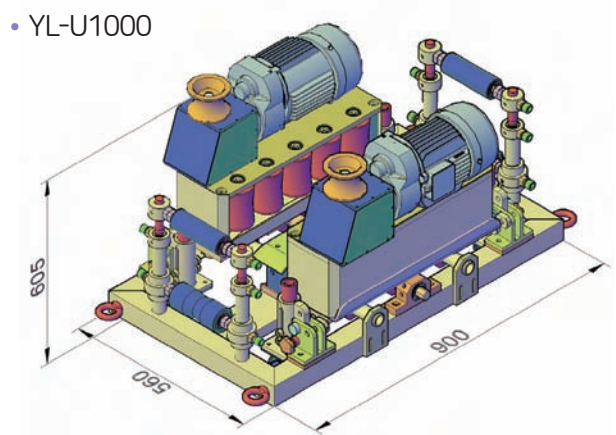


케이블 풀링머신 Pulling Machine

• YL-U350 / YL-U500



• YL-U1000



➔ 특징

- 다단 적재가능 (보관과 운반의 편리성)
- 하부 바퀴접이식 -이동편리 (손잡이 병행)
- 롤, 기어방식으로 견고성 확보
- 경량화
- 분해없이 맨홀투입가능
- Speed 컨트롤 가능 (옵션선택)
- 유지보수 비용절감

➔ Feature

- Multi-Stackable (Convenience of storage and transportation)
- Lower wheel folding - Convenient to move (handle parallel)
- Robustness by roll and gear method
- Lightweight
- Manhole input without disassembly
- Speed control available (optional)
- Reduced maintenance costs

➔ Technical Data

모델명 Model	용량(kgf) Capacity	전원 Power	당김속도 Pulling Speed	적용외경 AppliCable dia	모터 Motor	전류 Am	규격(mm) Dimension	중량(kg) Weight
YL-U350	350	AC220V, 3Ph	7.5 m/min	ø20~ø180mm	0.75Kw	3.4A	840x400x 440	125
YL-U500	500				1.5Kw	5.9A		145
YL-U1000	1,000				1.5Kw x 2EA	14.7A	900x560x 605	310

➔ 특징

- 심플한 디자인
- 하부 바퀴접이식 -이동편리 (손잡이 병행)
- 롤, 기어방식으로 견고성 확보
- 경량화
- 분해없이 맨홀투입가능
- Speed 컨트롤 가능 (옵션선택)
- 유지보수 비용절감

➔ Feature

- Simple design
- Lower wheel folding - Convenient to move (handle parallel)
- Robustness by roll and gear method
- Lightweight
- Manhole input without disassembly
- Speed control available (optional)
- Reduced maintenance costs

시공 EHV Cabling

• YL-U170 / YL-U200



특징

Feature

Made of steel and mounted on protected ball bearings, suitable for cables up to Ø120mm.
Also available with Al roller(model YL-U200)

Technical Data

모델명 Model	규격(mm) Dimension(LxWxH)	롤러 규격(LxWxH) Rollers dimensions	최대 작업 하중(Kg) Max working Load	중량(Kg) Weight
YL-U170	300X240X250	190X110X76	170	3.8
YL-U200	300X240X250	190X125X76	200	4.7

• YL-U300



특징

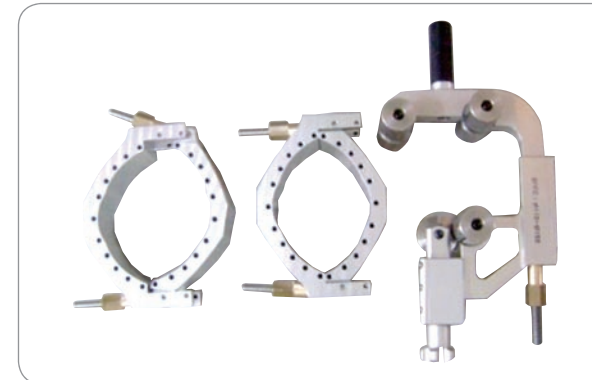
Feature

Specifically designed for heavy and thick cables up to Ø180mm.
Made of steel and mounted on protected and heavy-duty ball bearings.

Technical Data

모델명 Model	규격(mm) Dimension	롤러 규격(LxWxH) Rollers dimensions	최대 작업 하중(Kg) Max working Load	중량(Kg) Weight
YL-U300	310X255X270 (LxWxH)	216X80X80	300	7.5

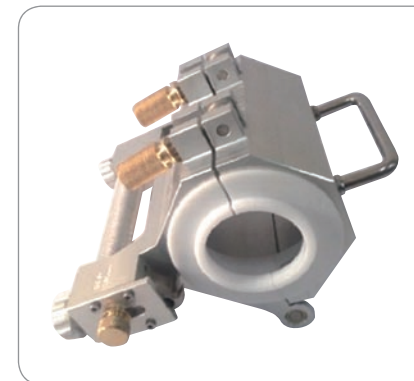
접속 EHV Conjunction



• YL-E110



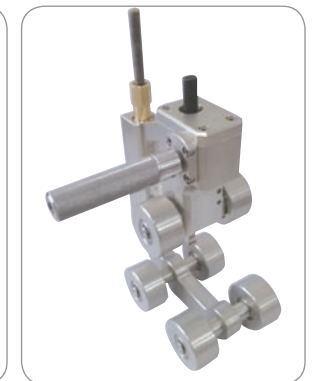
• YL-E210



• YL-E310



• YL-E320



• YL-E410

Technical Data

모델명 Model	AL 쉬스 절단기 Al Sheath Cutter	도체노출기 Insulation layer remover	절연체 홈파기 Insulator Grooving Tool		절연체 제거기 Semicon Remove
모델번호 Model No.	YL-E110	YL-E210	YL-E310	YL-E320	YL-E410
적용범위 Range of application	- Ø80~Ø130mm - Ø130~170mm	- Ø60~Ø90mm - Ø90~130mm	폭 고정식 (Fixed Width) - Ø60~Ø90mm - Ø90~130mm	폭 조절식 (Adjustable Width) - Ø60~Ø90mm - Ø90~130mm	Ø80~160mm

접속 EHV Conjunction



• YL-H100-600



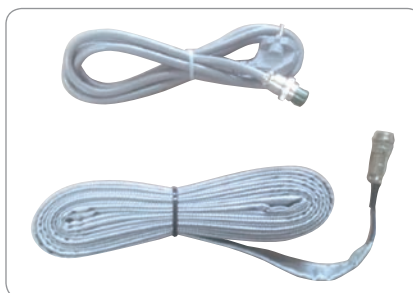
• YL-H100-100



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Technical Data

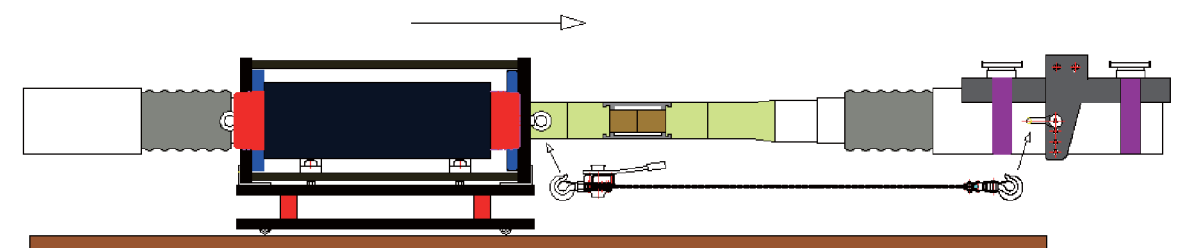
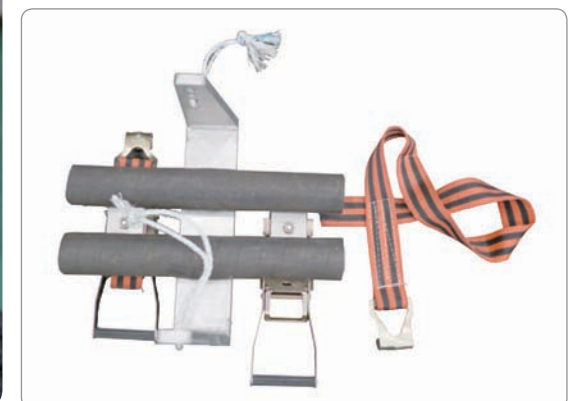
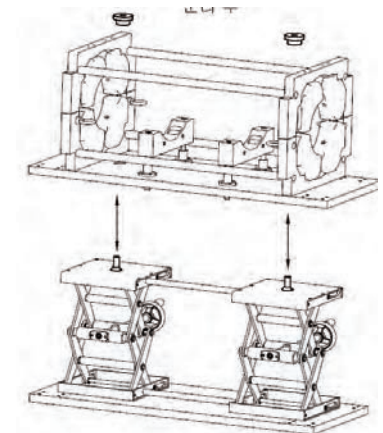
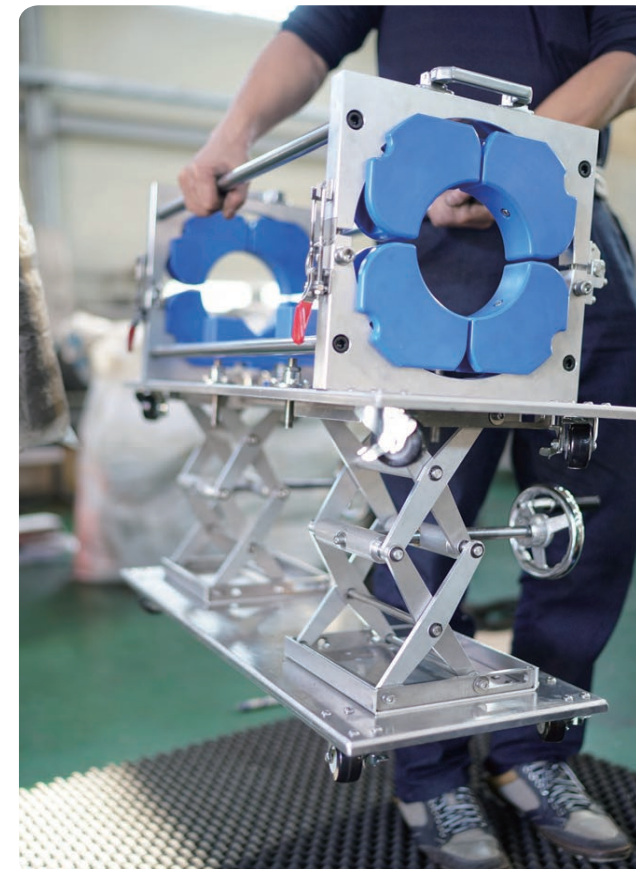
모델명 Model	메인 전원 Main Power	용량 Capacity	설정온도범위 Temp Setting Range	채널수 Channels	옵션 Option	규격(mm) Dimension	중량(kg) Weight
YL-H100-100	220V, 1Ph, 50.60Hz	2KW	0°C~110°C	1 CH	Recorder	200x150x120 (LxWxH)	3Kg
YL-H100-200	220V, 1Ph, 50.60Hz	4KW	0°C~110°C	2 CH	Recorder		6Kg
YL-H100-600	220V, 1Ph, 50.60Hz	12KW	0°C~110°C	6 CH	Recorder		11Kg



Technical Data

전원 Power	소비전력 Power Consumption	소비전류 Ampere	사용온도 Using Temp	규격(mm) Dimension(LxW)	중량(kg) Weight	사용 컨트롤러 Controller
220V, 1Ph	500W	2.5A	Max. 110°C	40X5000	0.7	YL-H100-200 YL-H100-600
220V, 1Ph	1KW	5A	Max. 110°C	60X5000	1.2	YL-H100-200 YL-H100-600
220V, 1Ph	1KW	5A	Max. 110°C	600X5000	2.5	YL-H100-100
220V, 1Ph	1.8KW	9A	Max. 110°C	600X2300	4	YL-H100-100

PMJ SLEEVE INSERT MACHINE YL-I100-M



Technical Data

모델명 Model	적용 케이블 Application Cable	구성품 & 기능 Component & Function			규격(mm) Dimension	중량(kg) Weight
		삽입기부 Inserting Part	고정지지부 Fixing Part	견인부 Pulling Part		
YL-I100-M	154KV 1200/2000/2500mm ²	Up-Down, Install Caster	Ratchet Bar Type	Lever block 800Kgf x 2EA	720x320x450 (LxWxH)	34 (W/O Lever block)

연결 Connection



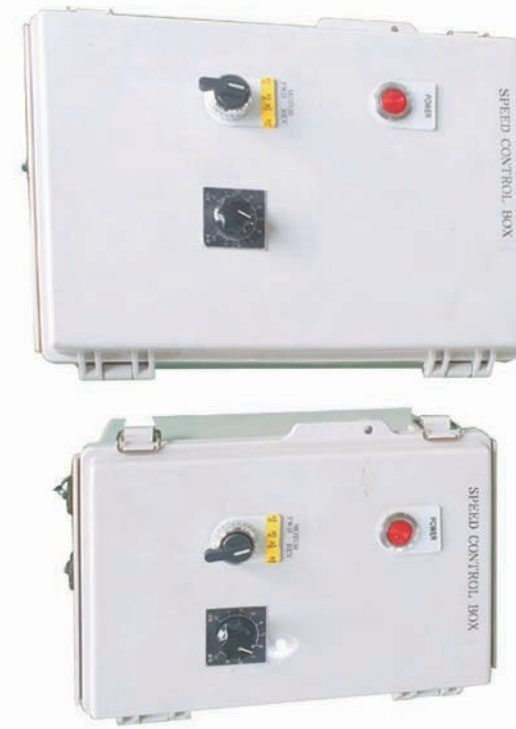
최대용량(kw) Max capacity	30
전원 Electric source	AC220V, 60Hz, 3P
제어방법 Control	Connector box driven
규격(mm) Demension	580x435x750 (WxLxH)
중량(kg) Weight	65



제어방법 Control	Main power in-out put
규격(mm) Demension	200x200x150 (WxLxH)
중량(kg) Weight	4



케이블 Cable	600VCT 14SQx4 Pin
규격(mm) Demension	30 (Length)
중량(kg) Weight	8



모델명 Model	YL U-350	YL U-500	YL U-1000
최대용량(kw) Max capacity	1.0	2.0	4.0
제어방법 Control	Speed		
전원 Electric source	AC220V, 60Hz, 3P, 2P		
규격(mm) Demension	300x200x180	250x350x190	
중량(kg) Weight	3.0	3.8	4.8



기타제품 Other products

OEM 제작시 현장



다단적재



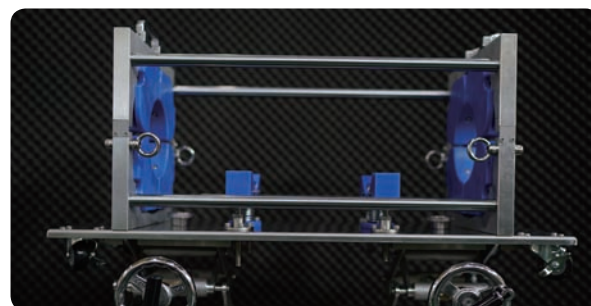
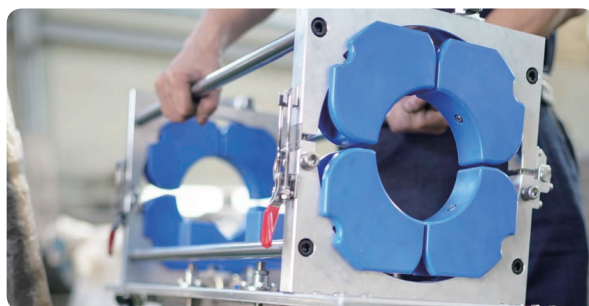
가스측정기



노스콘



고무슬리브 삽입기



다이스



맨홀 환풍기



밴드히터 레코더



밴드히터 조절기



밴드히터



벨트샌더



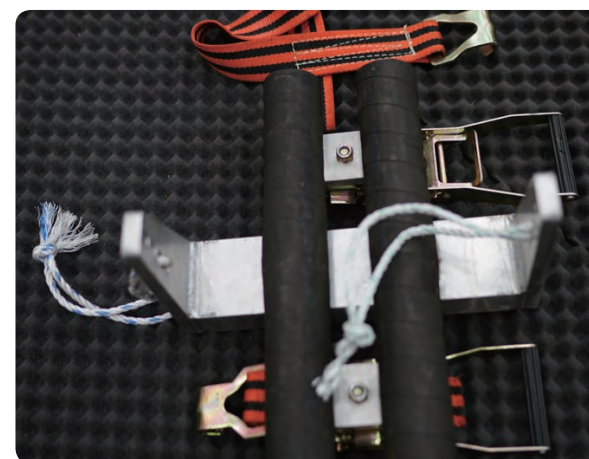
뿔기



유압펌프



일진슬리브 삽입기



지중용펌프

