

연속벽장비

Diaphragm Wall Equipment

- Trench Cutter
- Diaphragm Wall Grab
- Desander
- Filter Press
- Decanter

www.sambocmc.com

Trench Cutter

Special features

Diaphragm walls are common practice in civil engineering, it allows permanent constructing walls under the ground.
Sambo SC series DW cutter technology has been extensively applied to the construction of Diaphragm wall.

- The cutter system is adopted HTS(Hose Tensioning system) and it allows both hydraulic and drilling mud circulation hoses move downward and upward automatically. The excavation depth depends on the base crane class and boom length.
- Flap control system for deviation control individually and recording inclination in X-Y axes.

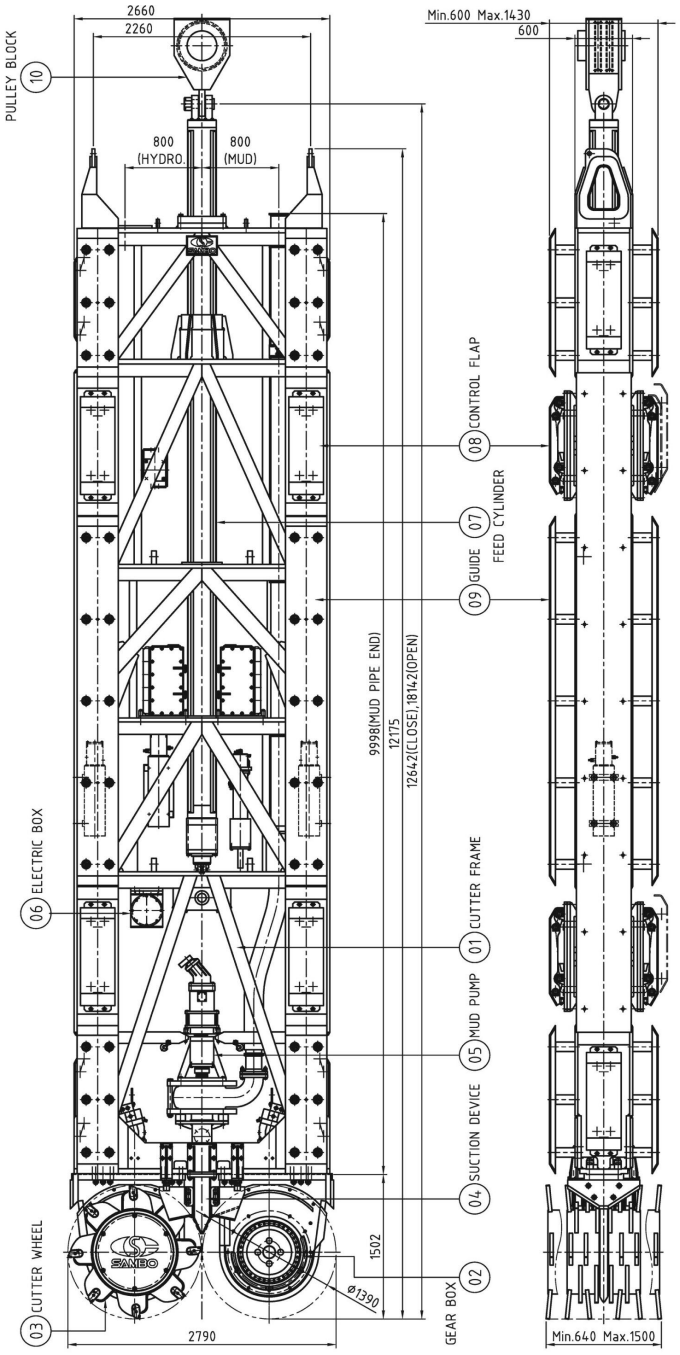
특 징

지하 연속벽은 토목공사에 이미 널리 적용된 공법으로, 매우 안정적인 영구 벽체를 형성함을 목적으로 하며, 삼보의 DW cutter 기술은 지하 연속벽 공사에 광범위하게 적용되어왔다.

- 유압, 머드호스의 상승, 하강은 Cutter의 굴착속도에 따라 자동으로 가능한 HTS(Hose Tensioning System)을 채택함.
- 굴착시 편차를 보정하기위해 플랩을 장착하였으며, 굴착수직도 X-Y축의 기록 및 출력이 가능함.



PATENT 10-0588185 콘크리트 흙막이벽 축조 공법(A Construction Method of Concrete Retaining Wall)
20-025565 기초공사용 콘크리트 시일링장치(Sealing Device for Ground Concrete Work)



TECHNICAL DATA

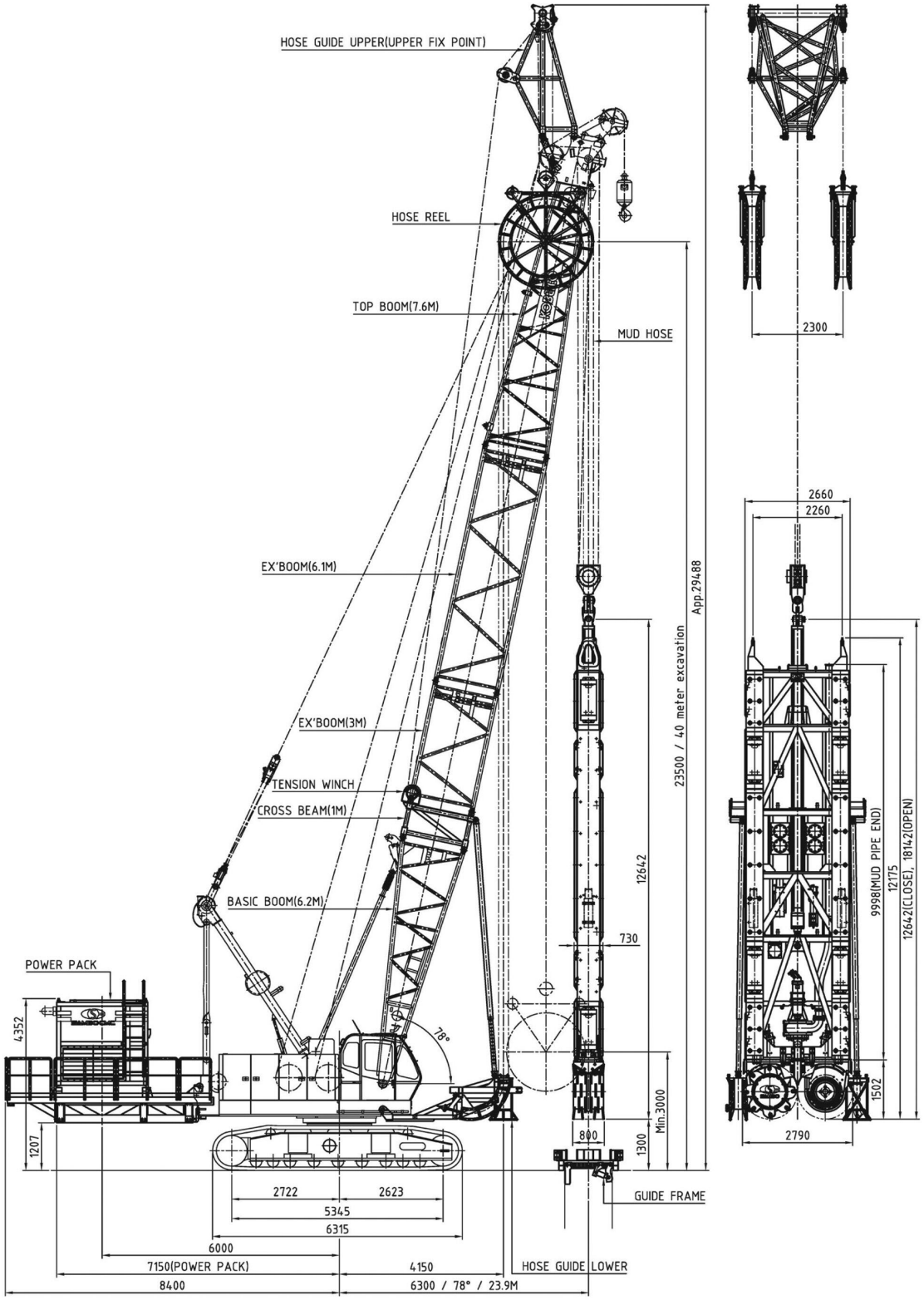
Description	SC-30	SC-40
Trench width / 트랜치 두께	640~1,200mm	800~1,800mm
Mud pump / 머드 펌프		
Nominal size / 공칭 크기	6"(150A)	6"(150A)
Flow rate / 유량	450m3/h	450m3/h
Gear box / 기어박스		
Max. torque / 최대 토오크	81kNm	100kNm
Rotation speed / 회전수	0~25rpm	0~25rpm
Weight at trench width / 중량		
640type	30 tons	-
800type	32 tons	32 tons
1,000type	34 tons	34 tons
1,200type	35 tons	35 tons
1,500type	37 tons	37 tons
1,800type	-	40 tons





The above may change during further development. (상기 사양은 보다 나은 개발을 위해 변경될 수 있음.)

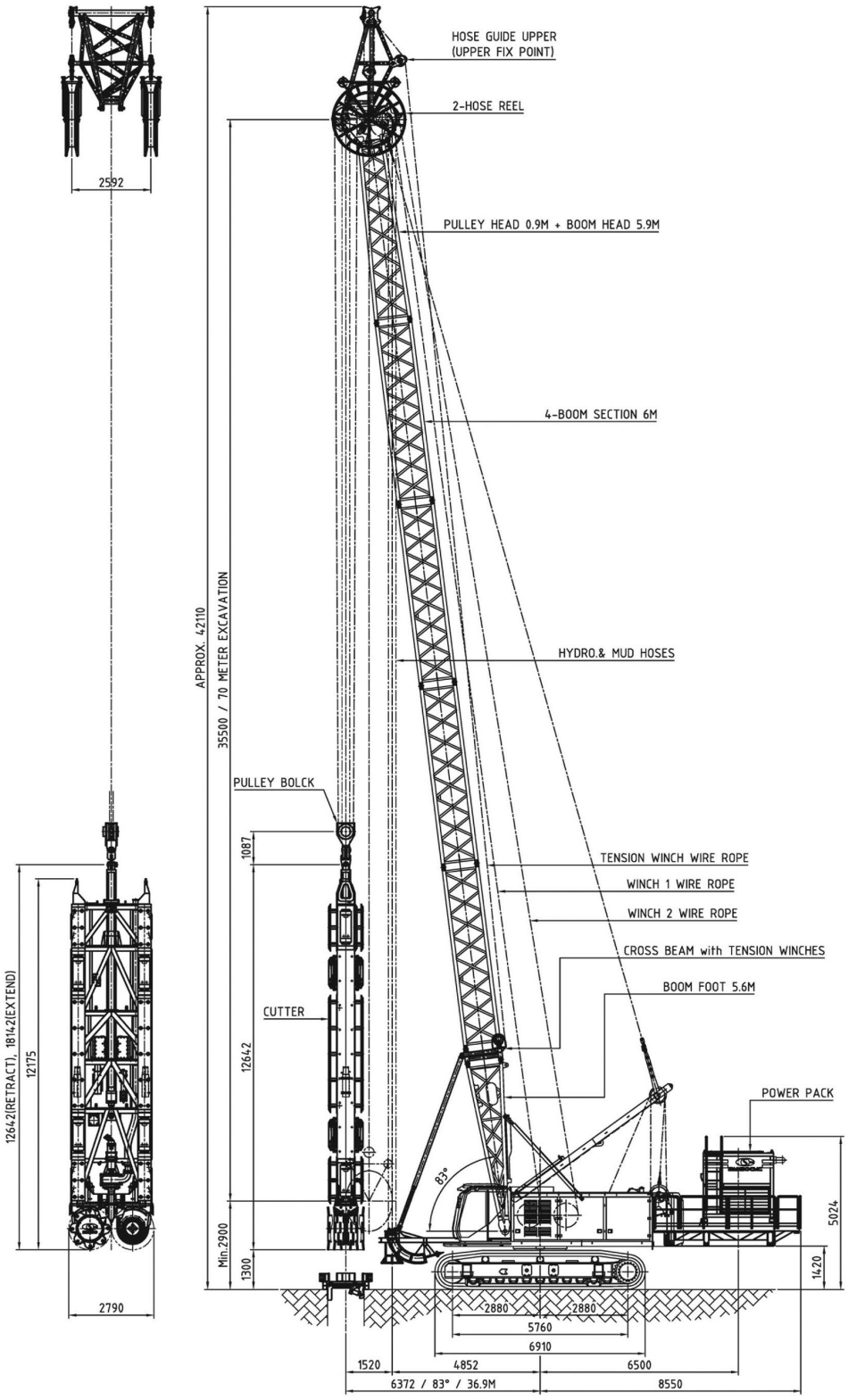
HTS(Hose Tensioning System)
HTS40



Applied base crane	90 ton class
Max. cutting depth	40 M
Applied boom extension	23.9 M

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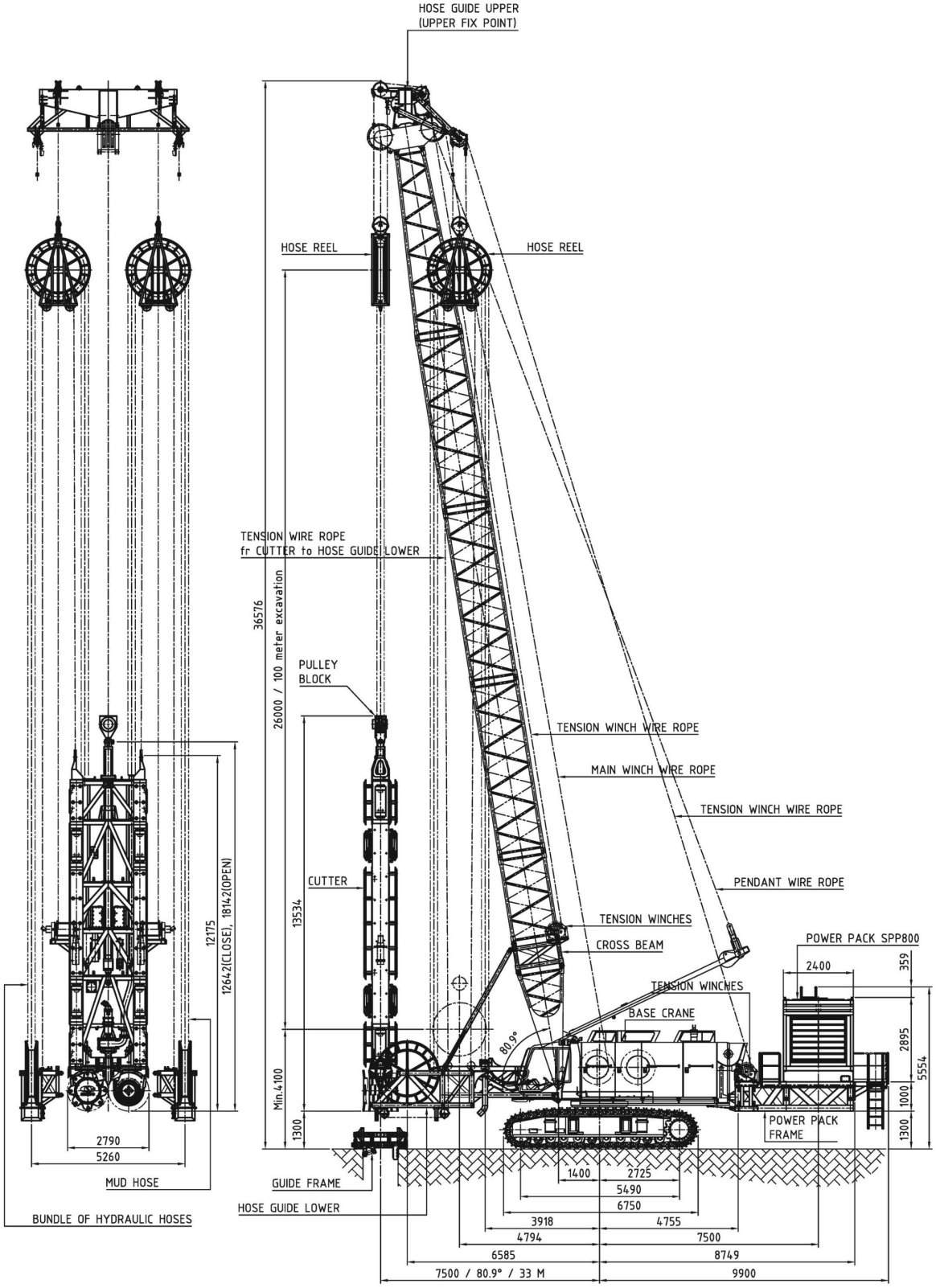
HTS70



Applied base crane	100~120 ton class
Max. cutting depth	70 M
Applied boom extension	37 M

The above may change during further development. (상기 사양은 보다 나은 개발을 위해 변경될 수 있음.)

HTS100



Applied base crane	120~150 ton class
Max. cutting depth	100 M
Applied boom extension	33 M

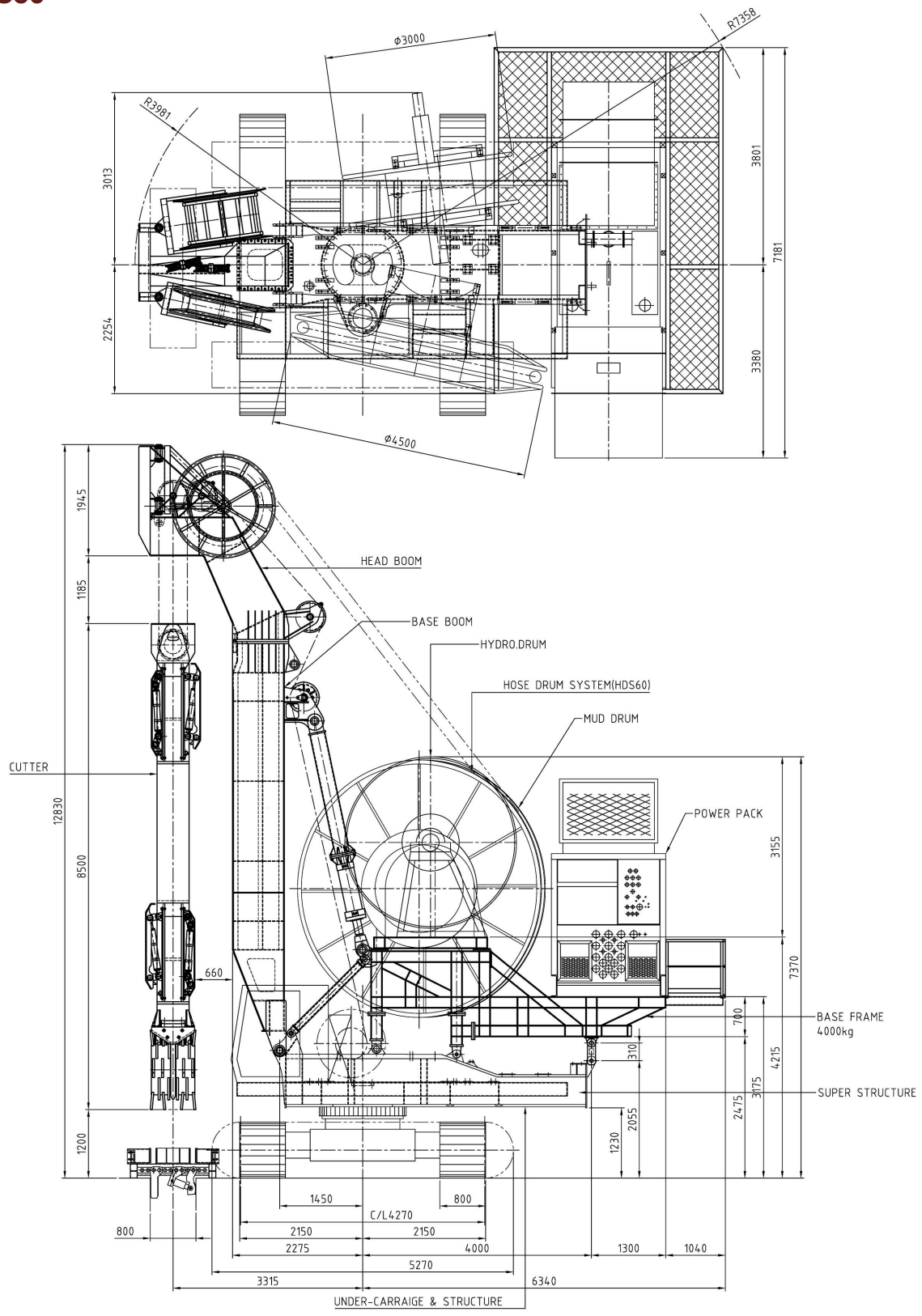
The above may change during further development. (상기 사양은 보다 나은 개발을 위해 변경될 수 있음.)







HDS60



Applied base crane	-
Max. cutting depth	60 M
Applied boom extension	-

The above may change during further development. (상기 사양은 보다 나은 개발을 위해 변경될 수 있음.)


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