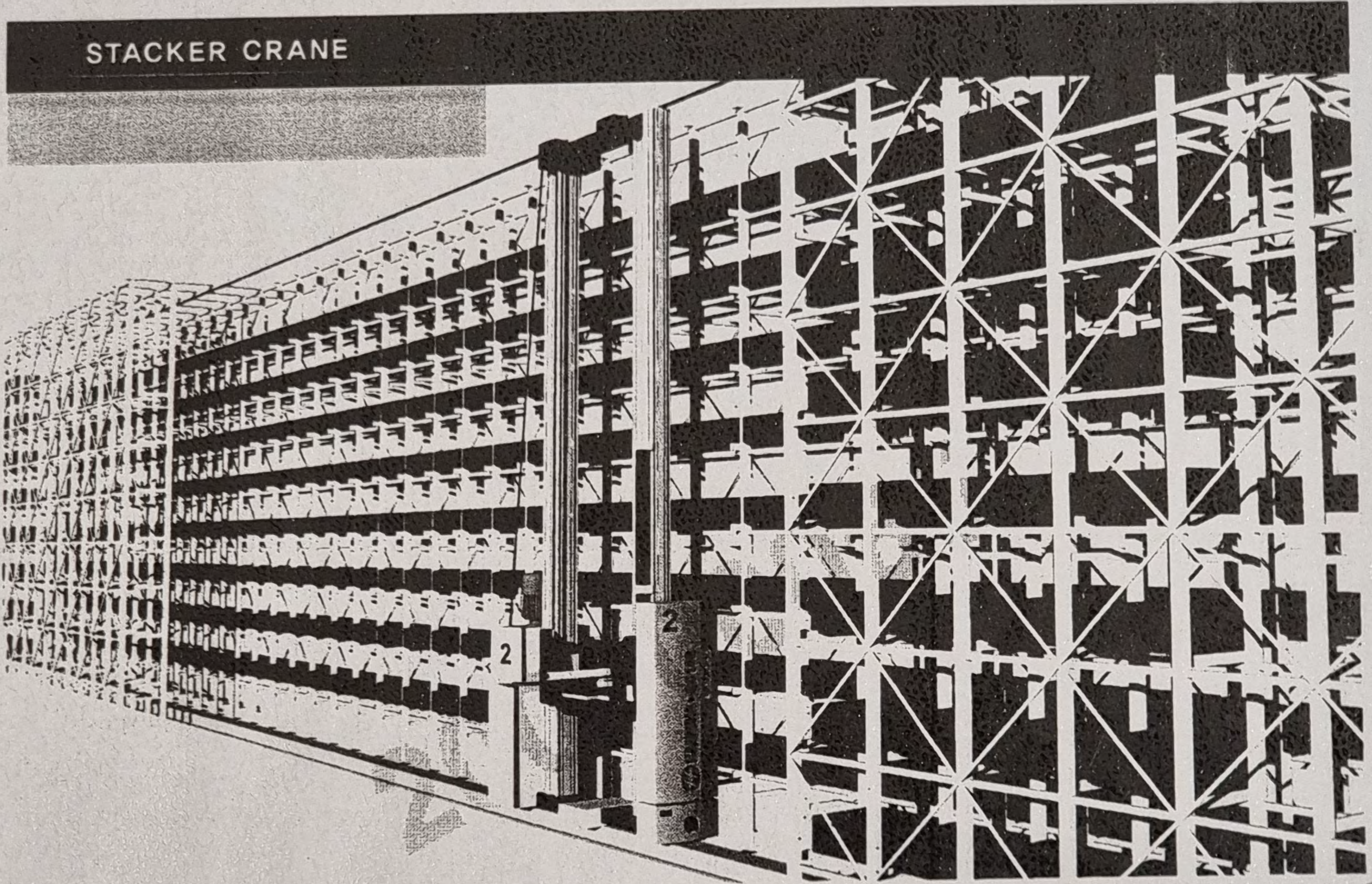


HUYNDAI MOTOR CZECH SHOP

TRANSMISSION CASE

STACKER CRANE & CONVEYOR SYSTEM

STACKER CRANE



2007.08

PJT No. 2007AB004

0	2007. 8				
REV.	DATE	DESCRIPTION	PREP. BY	CHECHED BY	APPR. BY

 Hanwha TechM
F.A.E / LOG

<http://www.hanwhatechm.co.kr>

1. PREFACE

1.1 PURPOSE OF GHE MACHINE

THIS SYSTEM IS LOGISTICS LINE AND AUTO STORAGE SYSTEM TO MOVE AND STOCK TRANSMISSION CASE.

1.2 FACILITY SPECIFICATIONS.

1. HANDLING OBJECT : TRANSMISSION CASE
2. CYCLE TIME : 300,000EA/YEAR
3. TRANSPORT WEIGHT : 30KGg / PALLET (INCLUDE WORK)
4. UTILITY
 - SOURCE OF MAIN ELECTRICITY : 400V, 50Hz, 3Φ
 - SOURCE OF CONTROL : DC 24V
 - SOURCE OF MAIN AIR : 5~6Kg/cm²
5. ENVIRONMENT CONDITION
 - TEMPERATURE : -20 ~ 50°C
 - HUMIDITY : 30% ~ 80%
 - NOISE : 80dB

2. NAME AND ADDRESS OF THE MANUFACTURE**2.1 MANUFACTURER:**

HANWHA TECHM. CO

2.2 MANUFACTURER ADDRESSADDRESS : 59 SEONGSAN-DONG, CHANGWON CITY, GYOENGNAM PROCINCE,
KOREA

TEL NO.: 82-55-280-8885

FAX NO.: 82-55-280-4614

2.3 MARK OF CONFORMITY**Hanwha TechM**59, Sung San-Dong, Changwon-City
Kyungsangnam-Do, Korea 641-315
Phone : +82-55-280-8885

DESIGNATION :

SERIAL NUMBER :

THE YEAR OF CONSTRUCTION :

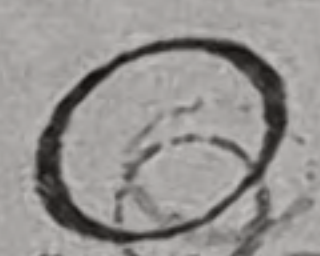
SUPPLY : VOLTS 400VAC 3 PHASE 50 Hz

DISCONNECT RATING : 60 AMPS

TOTAL CONNECTED HP : 15.4 KVA: 11.3

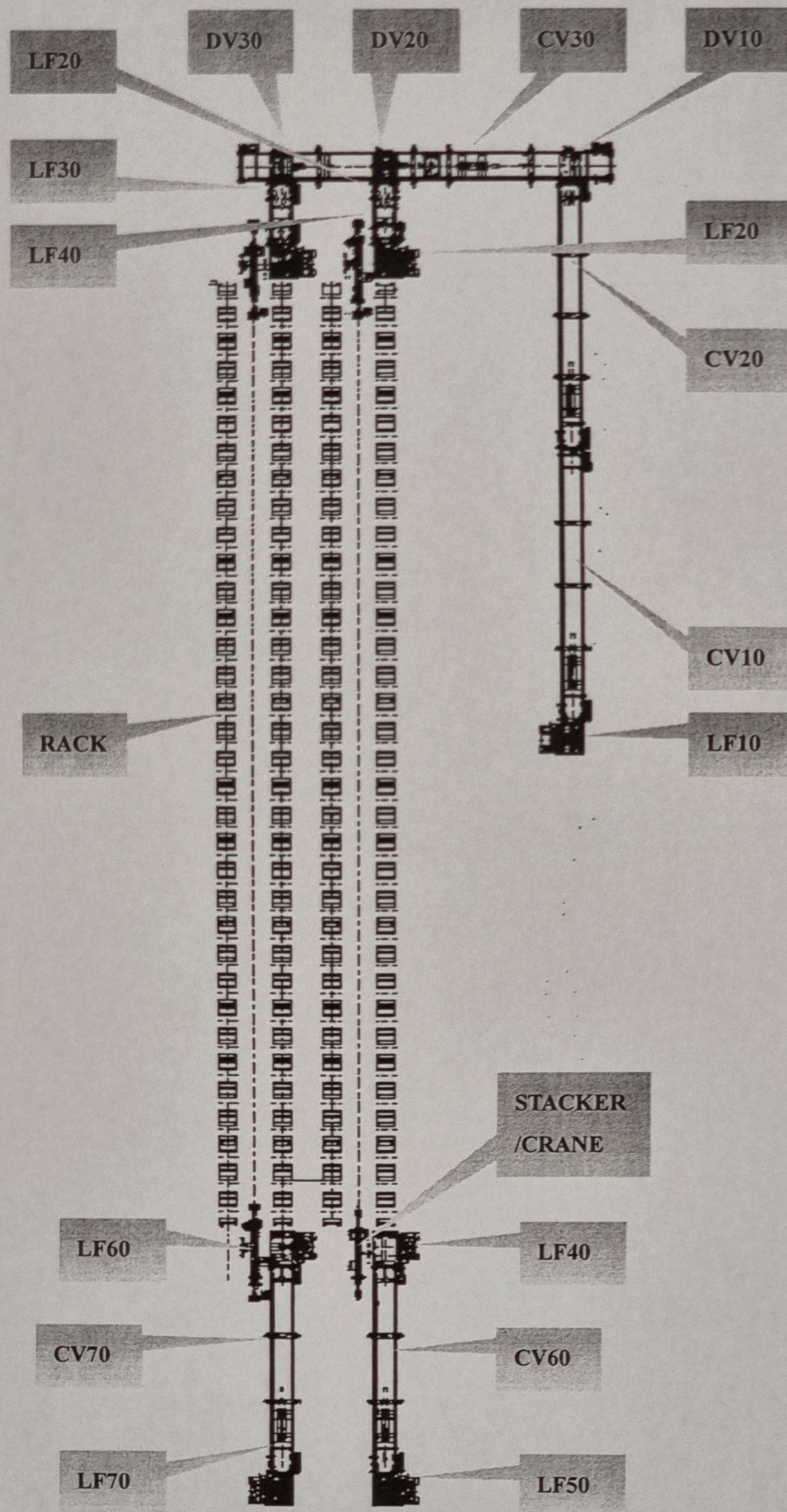
FULL LOAD CURRENT : 13.5 AMPS

SHORT CIRCUIT WITHSTAND RATING : 5K AMPS



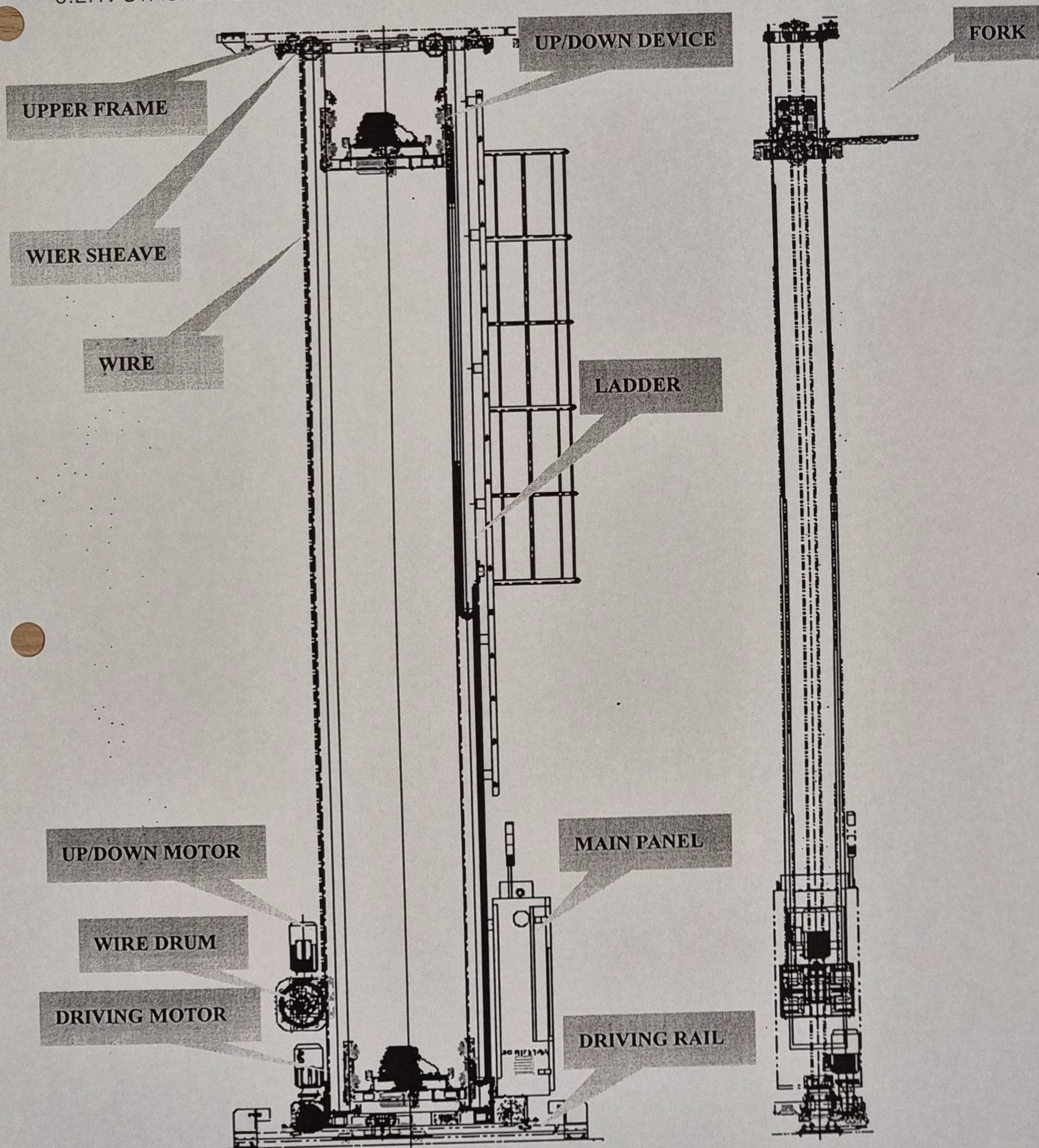
3. DISCRIPTION OF MACHINE

3.1. DESCRIPTION OF THE VISUAL APPEARANCE



3.2. SPECIFICATION

3.2.1. STACKER CRANE PART' S NAME



S P E C I F I C A T I O N

TRAVELLING	SPEED	160 m/min
	MOTOR	1.5KW x 4P x 1/4.64 -SEW KHF47DT90L4BMG/HR-M4-B, 90DEG
HOISTING	SPEED	40 m/min
	MOTOR	1.5KWx4Px1/30.22- SEW K67DT90L4BMG/HR-M4-(A+B), 180DEG
FORKING	SPEED	40 m/min
	MOTOR	0.1KW x 4P x 1/21 (SUMITOMO) CNVM01-5067-B-21
LOAD WEIGHT		—
WORK SIZE		309W x 475L x 242H
POWER SOURCE		400V, 50Hz
Q'TY		2 set

30

100

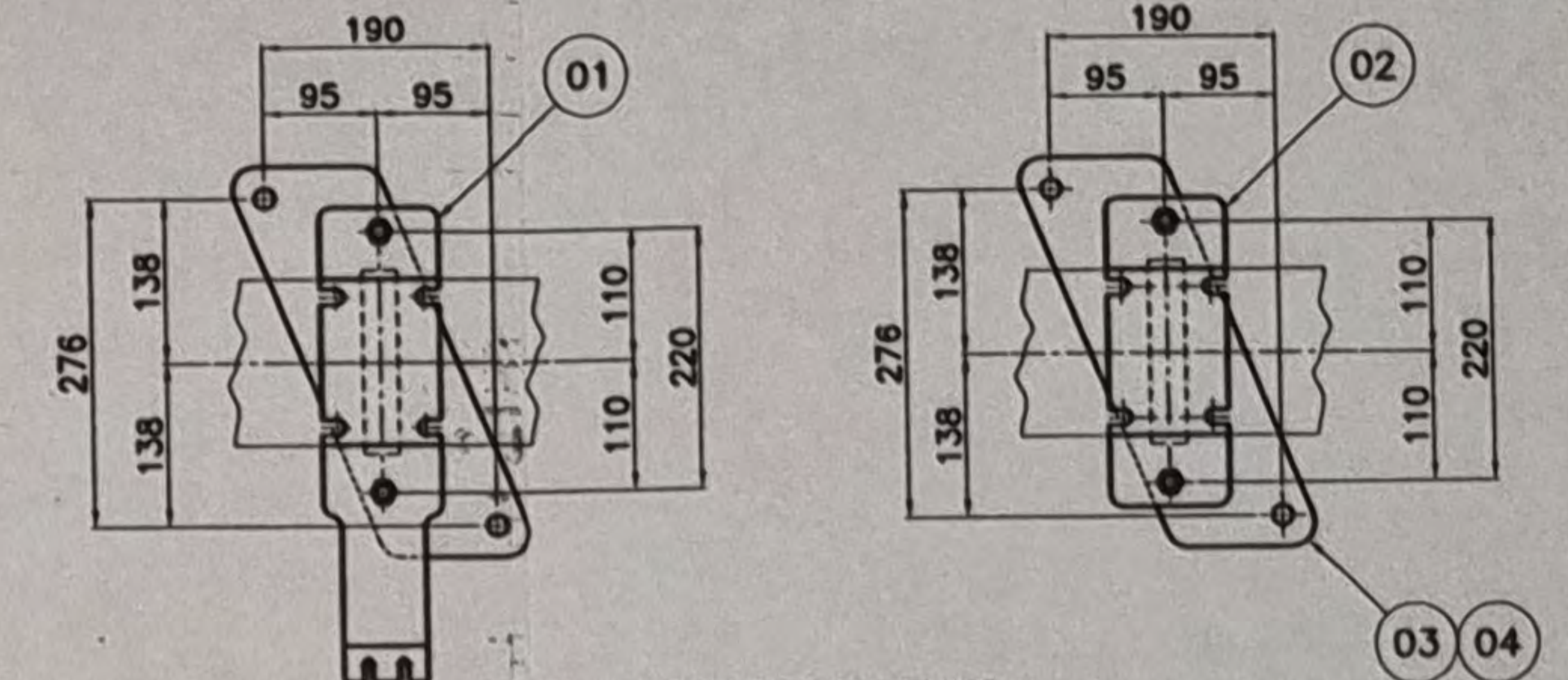
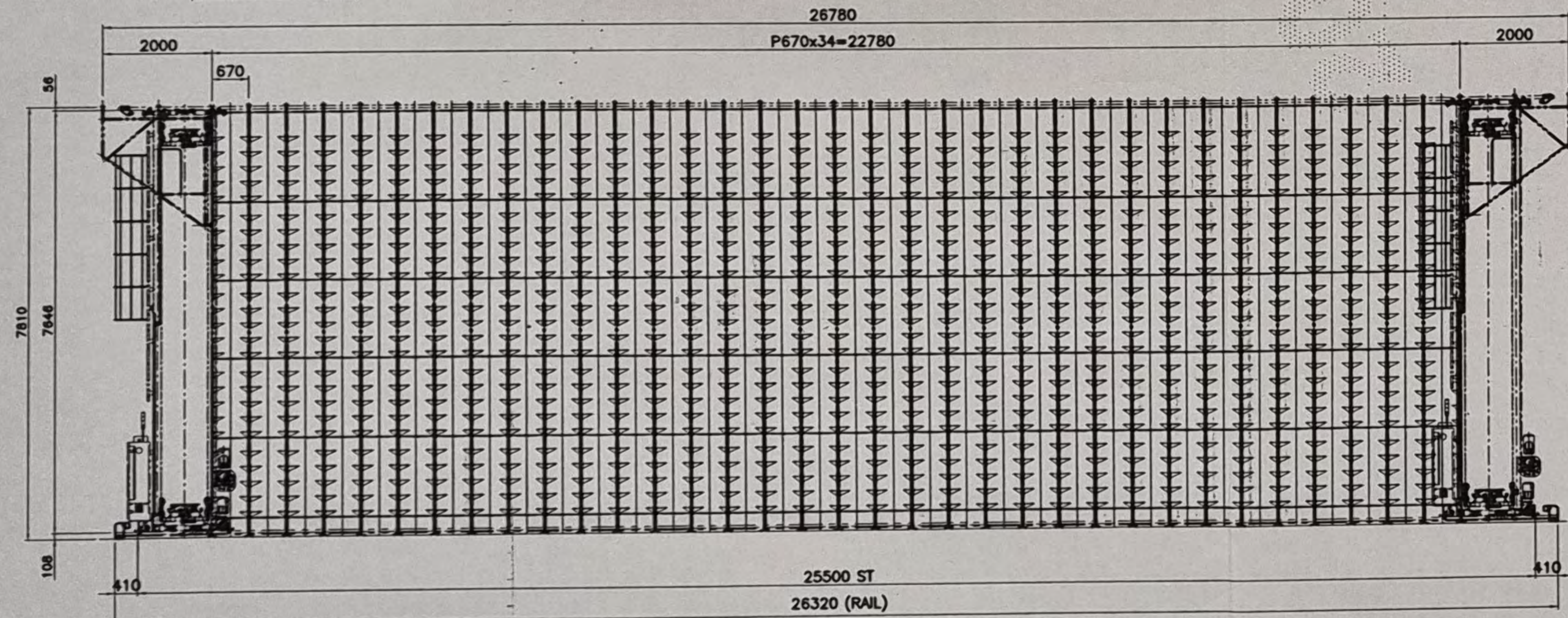
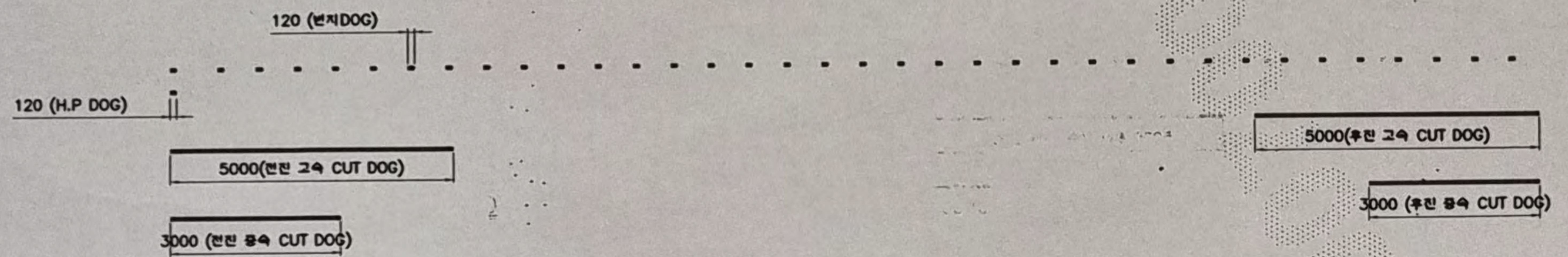
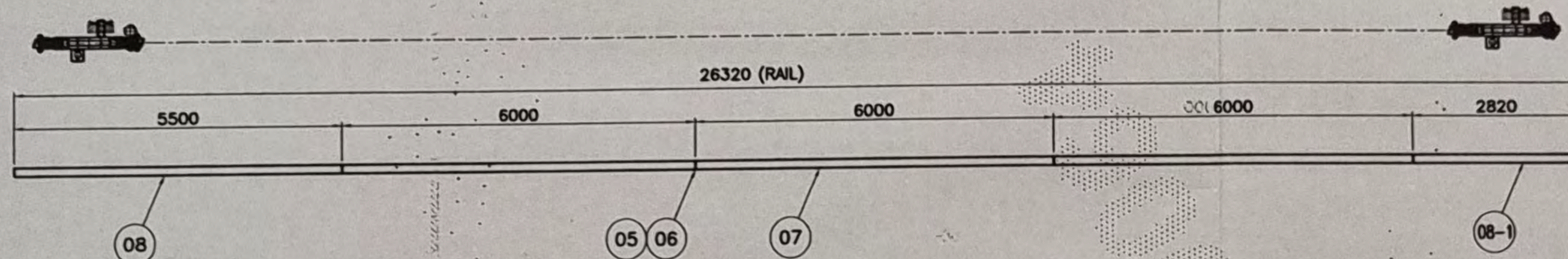
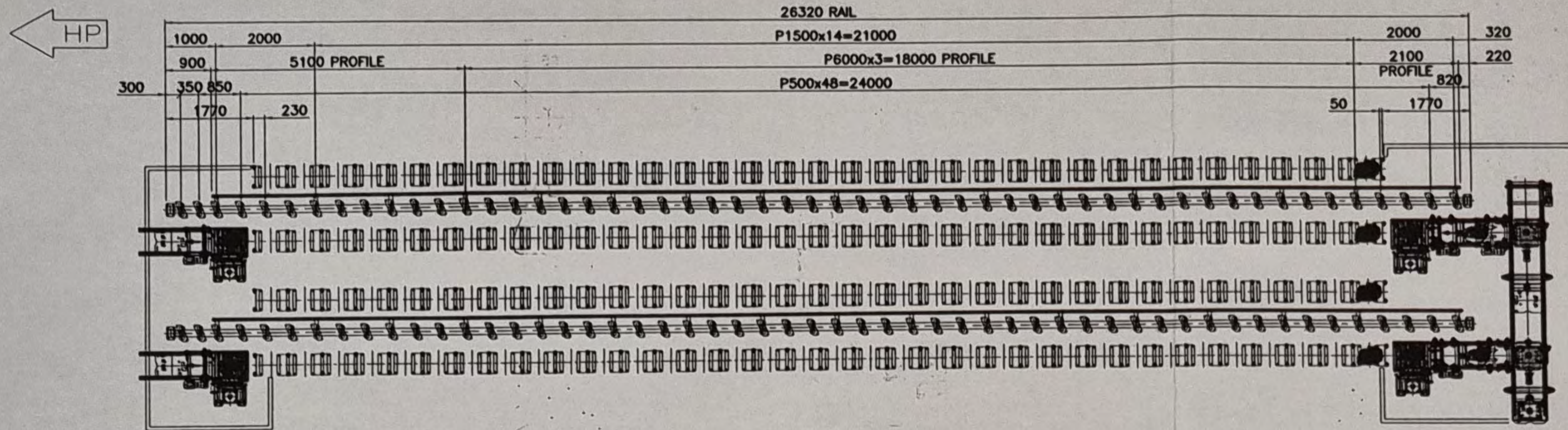
4-Ø18 HOLE

STOPPER & MODEM DETAIL

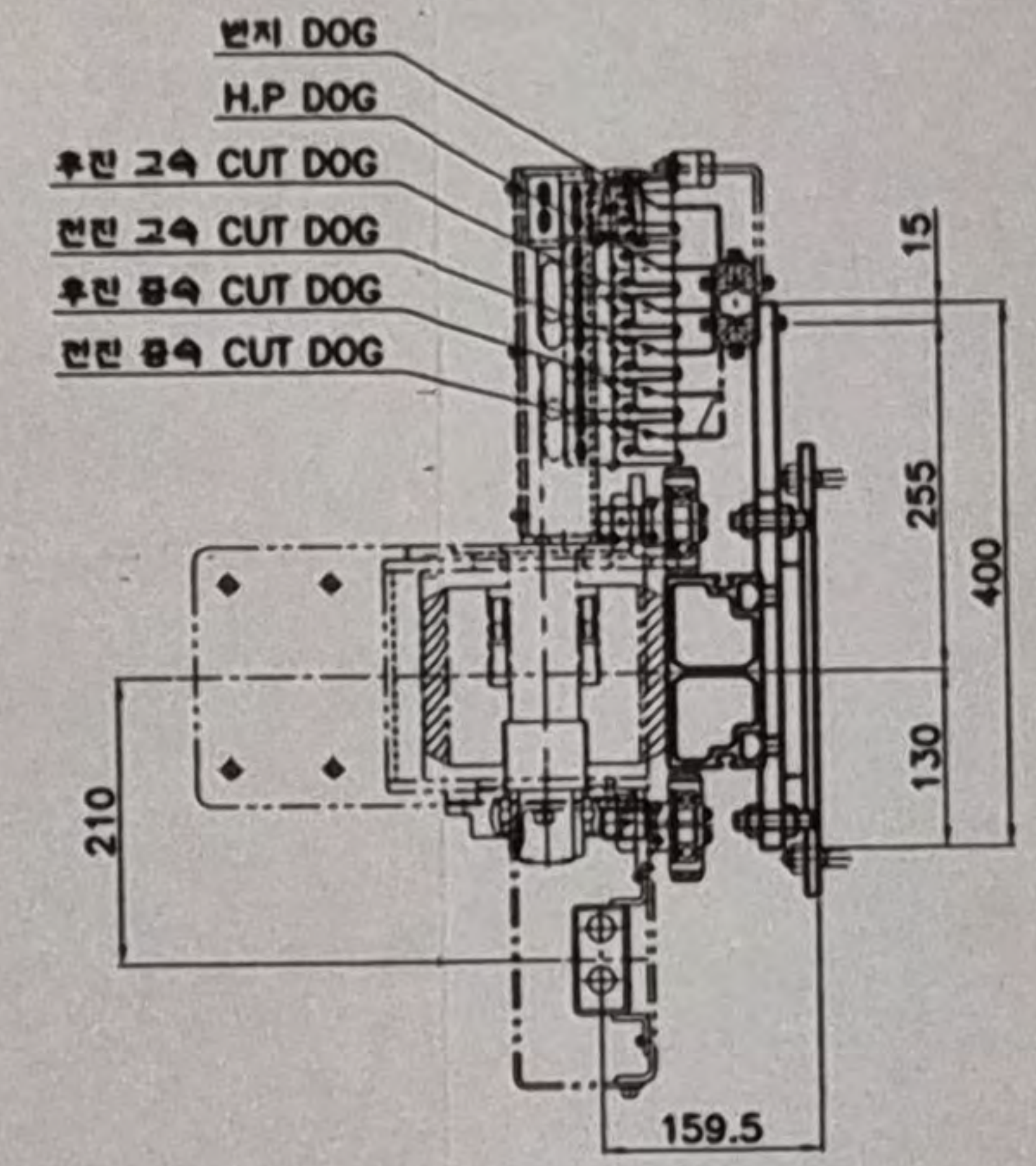
(SCALE 10/1)

NO.	NAME & SIZE	MAT'L	UNIT WT. kg	Q'TY	TOTAL WT. kg	REMARKS
TITLE HYUNDAI MOTOR CZECHO SHOP CLUTCH HOUSING AUTO STORAGE STACKER CRANE / 하부레일 ASS'Y  Hanwha TechM						
It is banned to copy and distribute this design sheet without any exception from our company, because it is our property, & We hope to have a conference with designer about questions of B/M measures on sheet before shearing materials.			DATE	DRAWN	DESIGNED	CHECKED
			07.05.16	J.T.SON		
SCALE		SIZE	DWG NO.			REV.
1/60		A1	2007AB004-HCCH-SC-J00-00			
ED APPROVED						

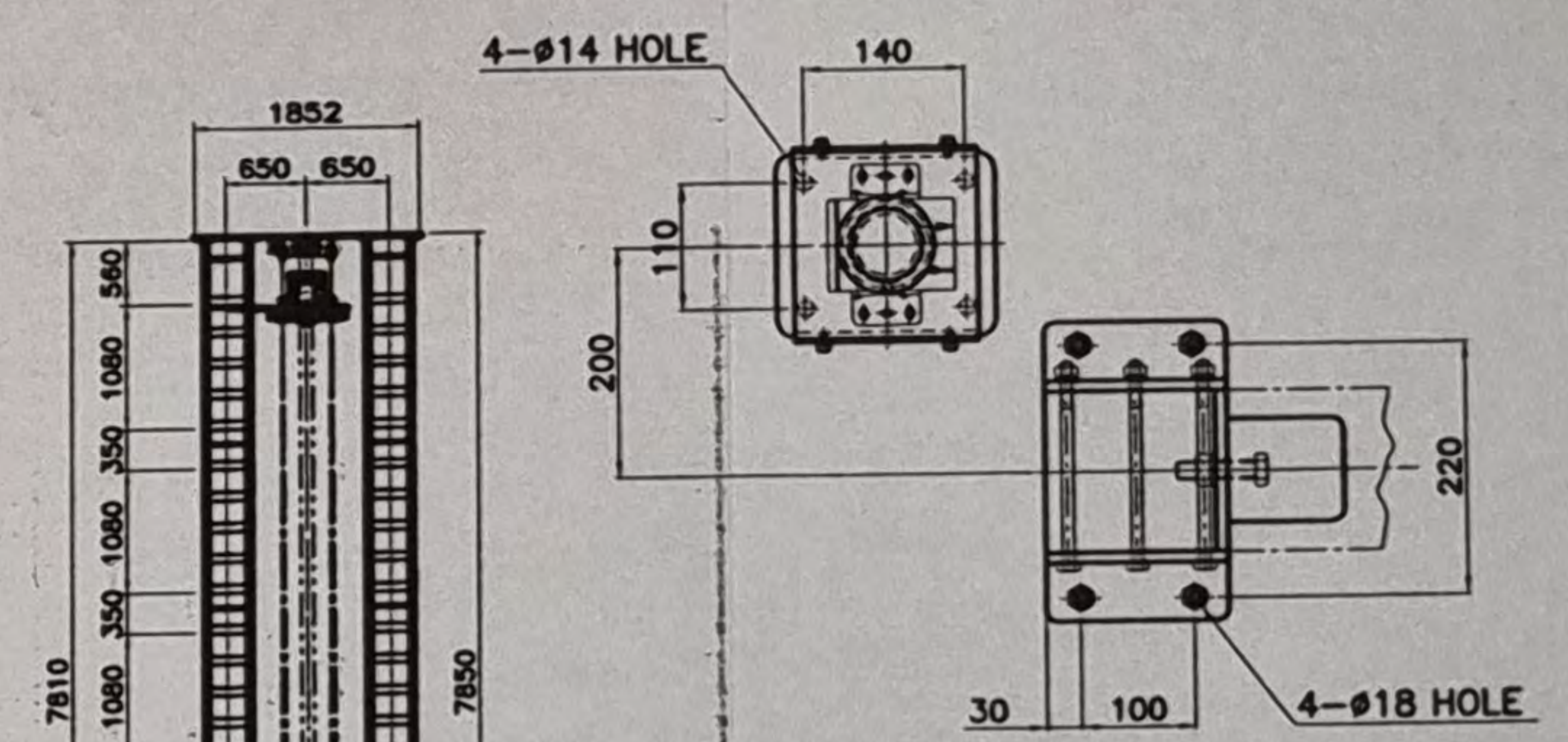
NO.	NAME & SIZE	MAT'L	UNIT WT. kg	Q'TY	TOTAL WT. kg	REMARKS
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ANCHOR DETAIL
(SCALE 10/1)



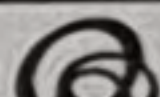
SENSOR ARRANGEMENT
(SCALE 10/1)

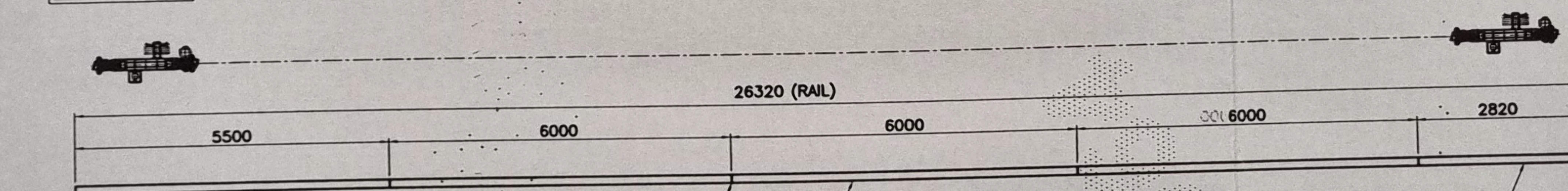
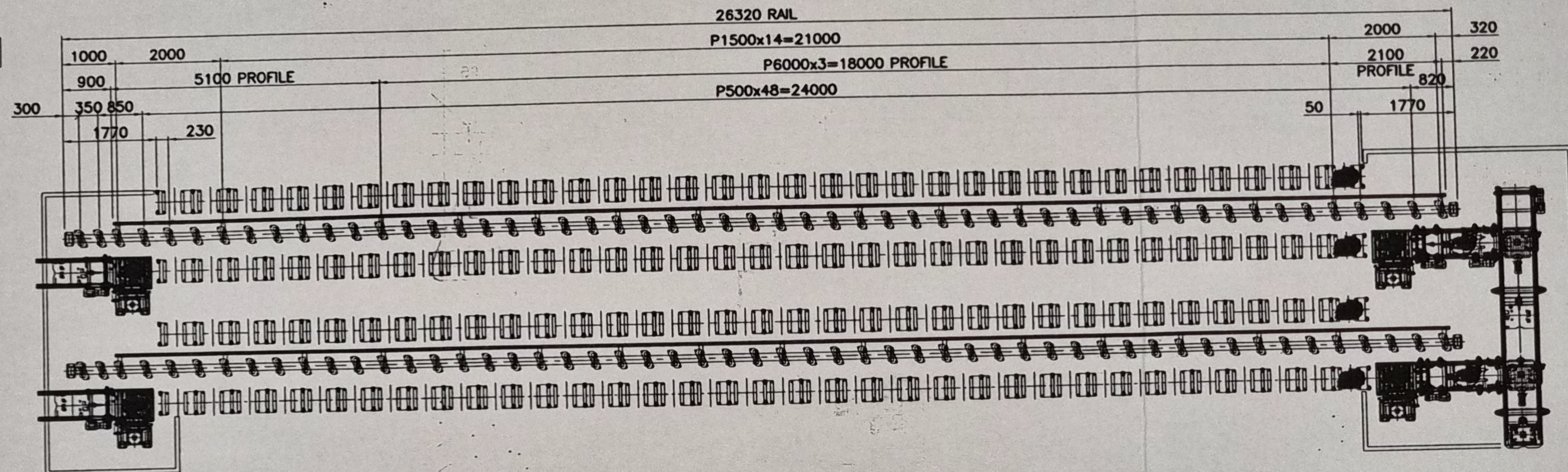
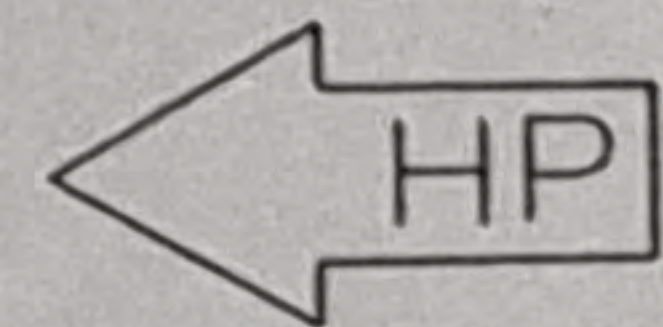


STOPPER & MODEM DETAIL
(SCALE 10/1)

Can manufacturing tolerance(mm)	over 315	±2	over 2000~under 4000	±6	over 12000~under 16000	±12	You must manufacture applying this can manufacturing tolerance in the case of non-marking special margin.
	over 315~under 1000	±3	over 4000~under 8000	±8	over 16000~under 20000	±14	
DIN 8570	over 1000~under 2000	±4	over 8000~under 12000	±10	over 20000	±16	

REV	DESCRIPTION	DATE	DESIGNED	CHECKED	APPROVED
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NO.	NAME & SIZE	MAT'L	UNIT WT. kg	Q'TY	TOTAL WT. kg	REMARKS
TITLE		HYUNDAI MOTOR CZECHO SHOP				
		CLUTCH HOUSING AUTO STORAGE				
		STACKER CRANE / 이부레일 ASS'Y				
 Hanuha TechM						
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			07.05.16	J.T.SON		
SCALE	SIZE	DWG NO.				
1/60	A1	2007AB004-HCCH-SC-J00-00				
						REV.



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120 (번지 DOG)

120 (H.P DOG)

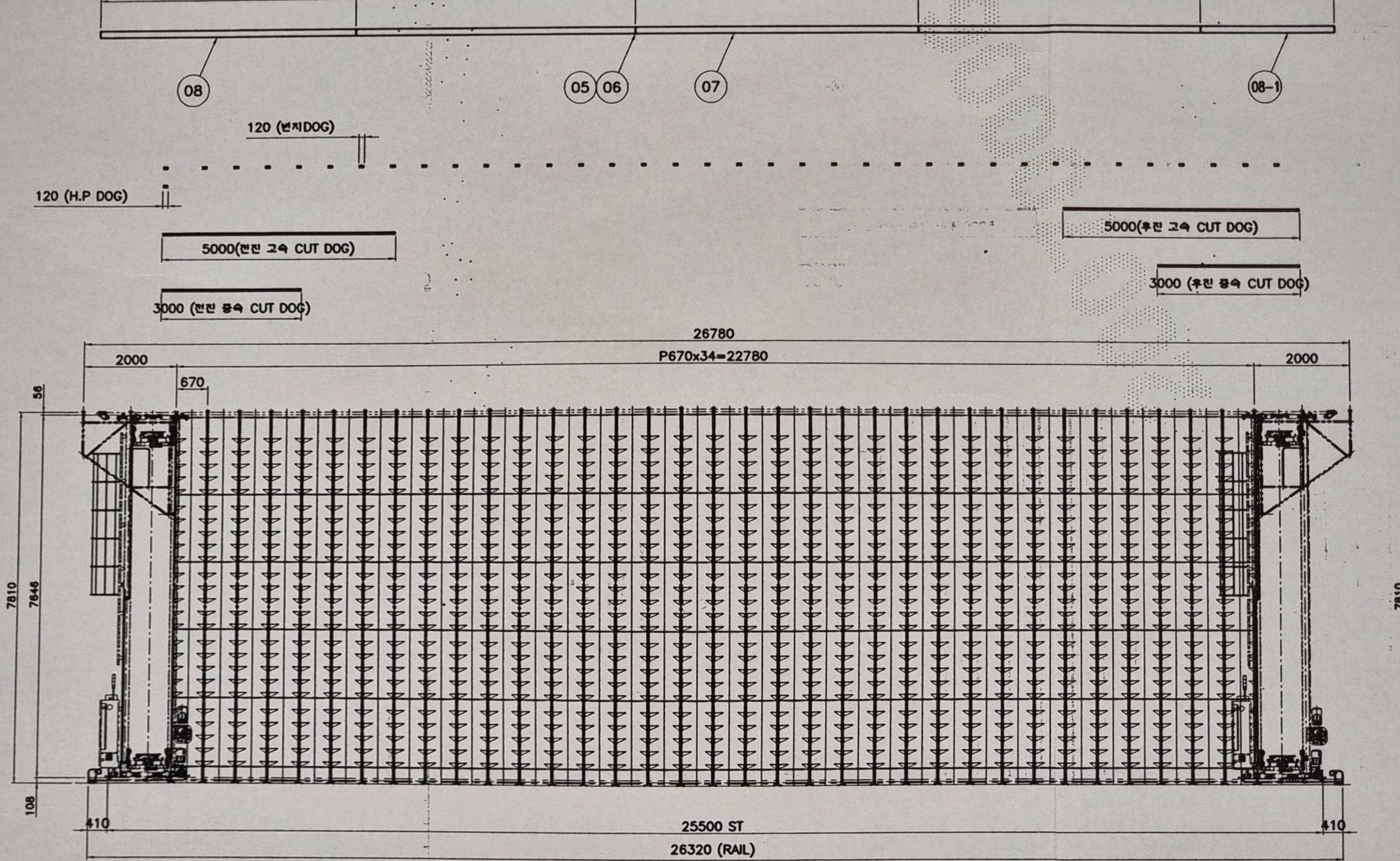
5000(번진 고속 CUT DOG)

3000 (번진 중속 CUT DOG)

5000(후진 고속 CUT DOG)

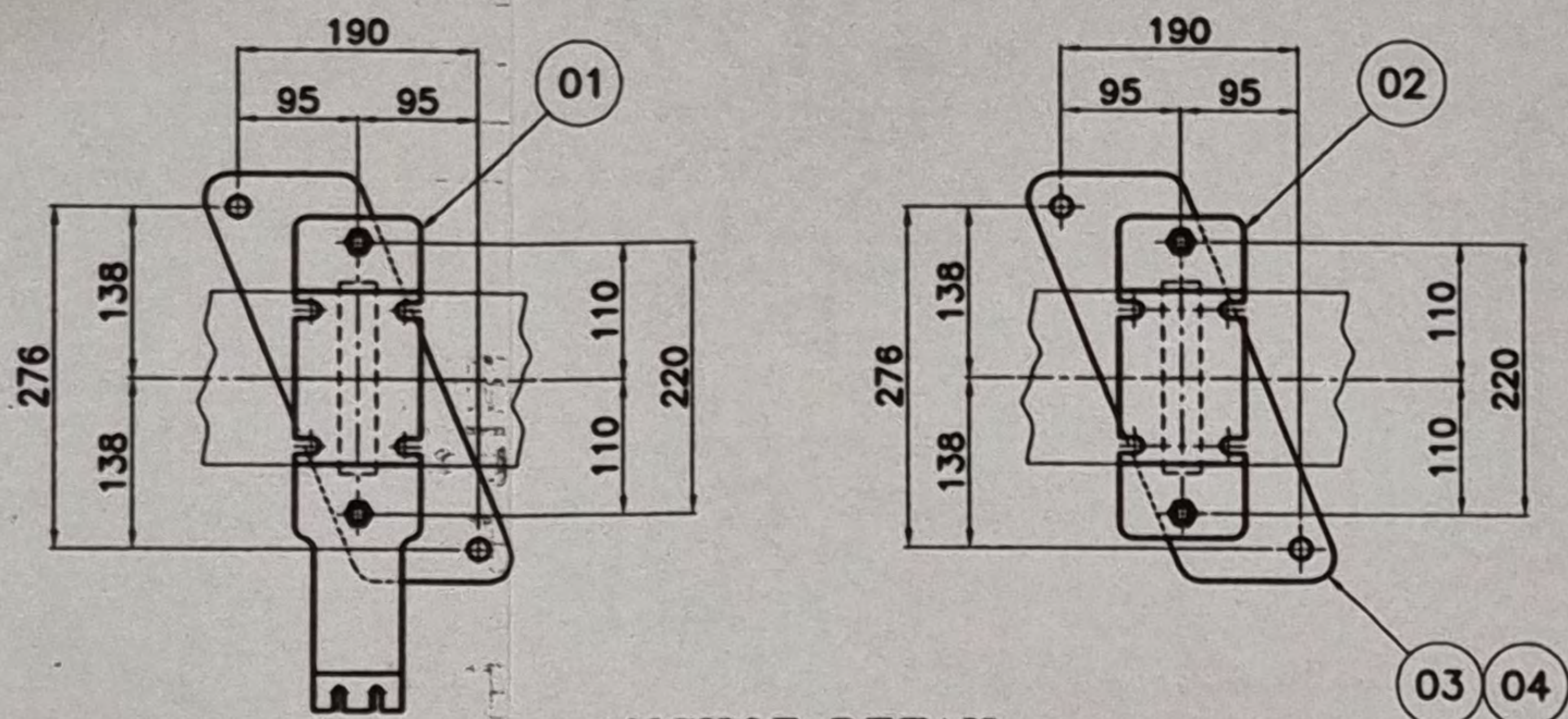
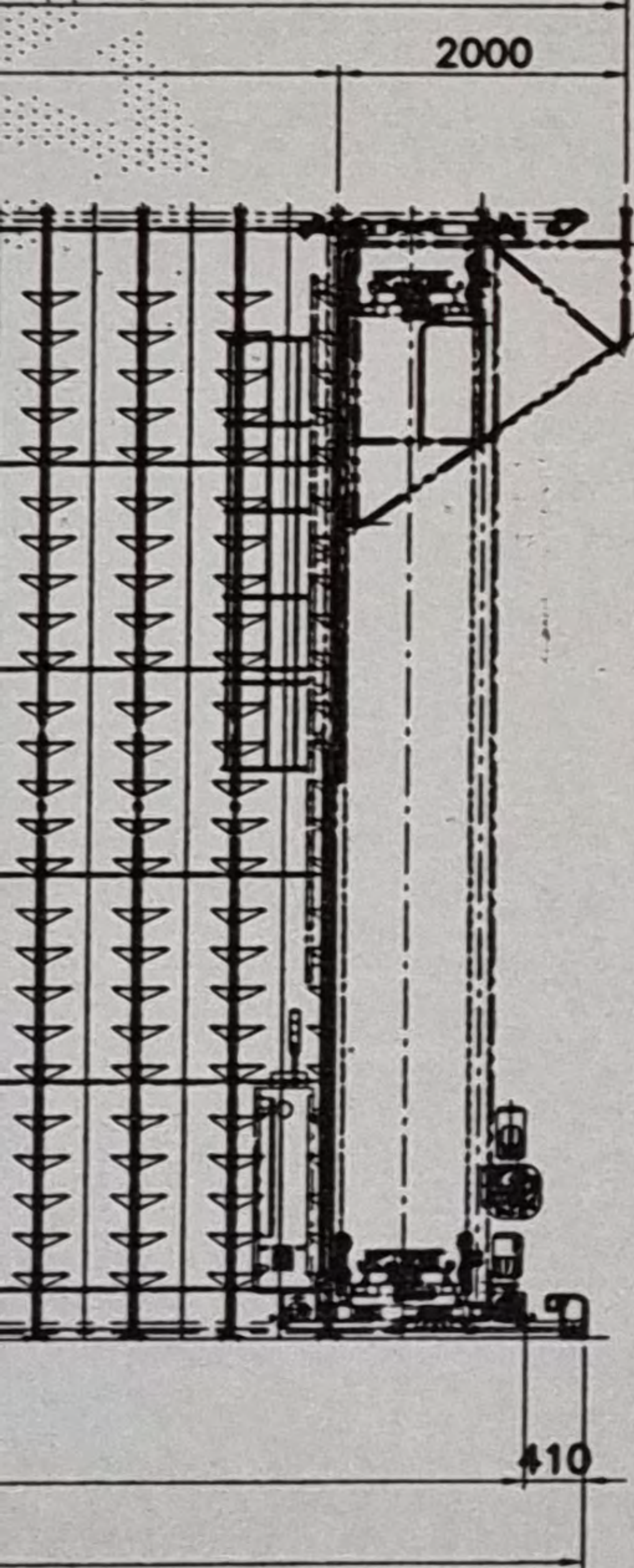
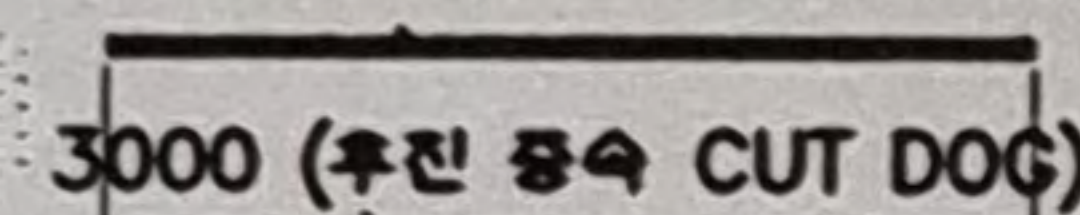
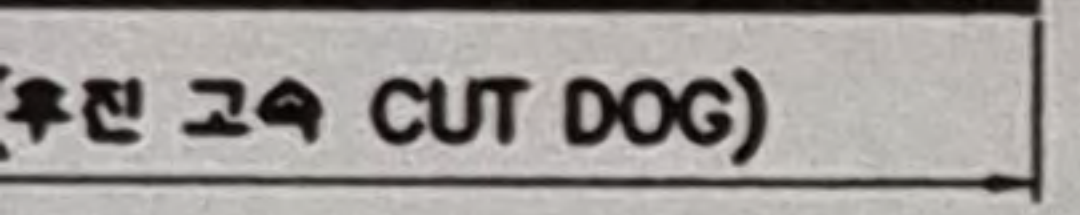
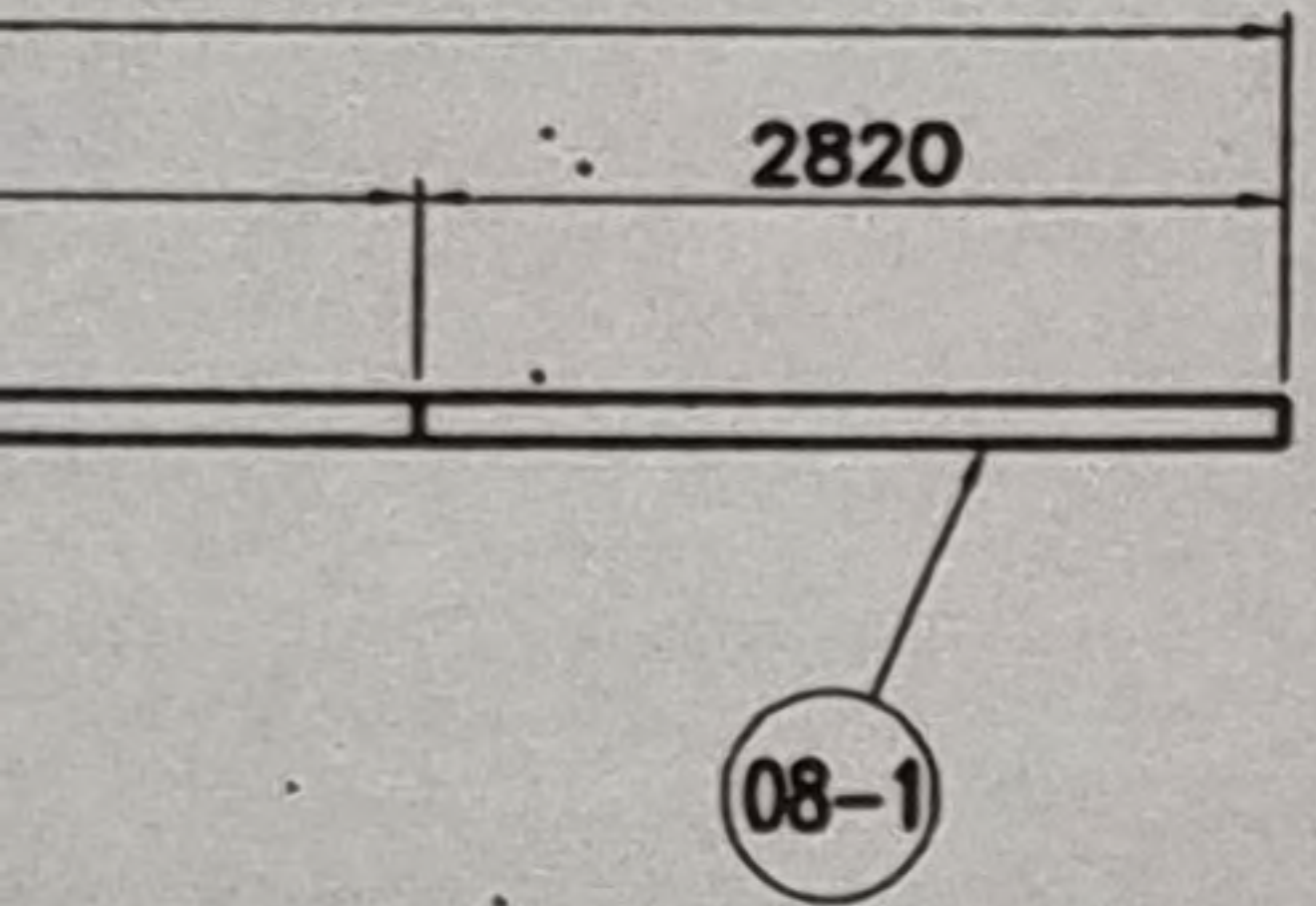
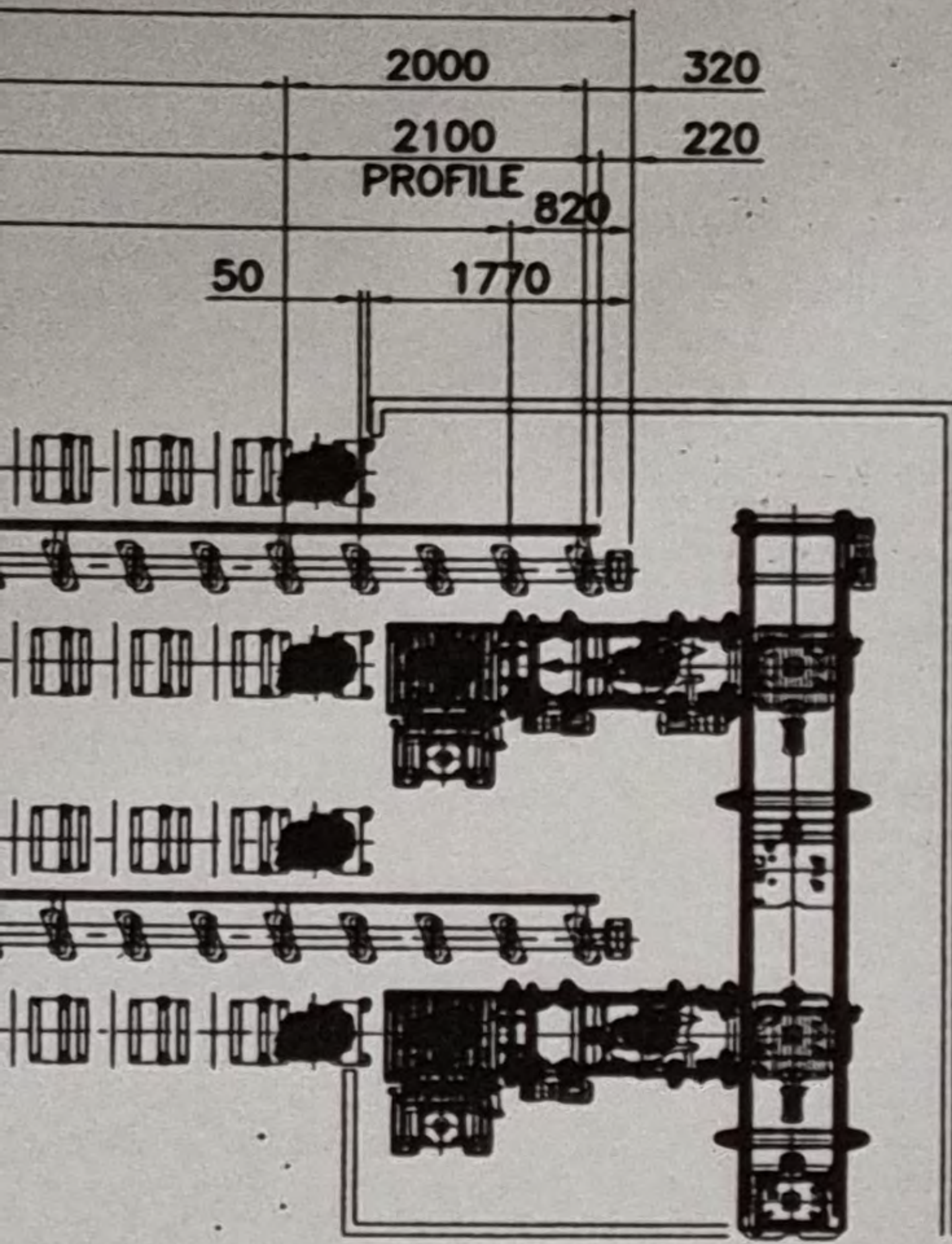
3000 (후진 중속 CUT DOG)

276

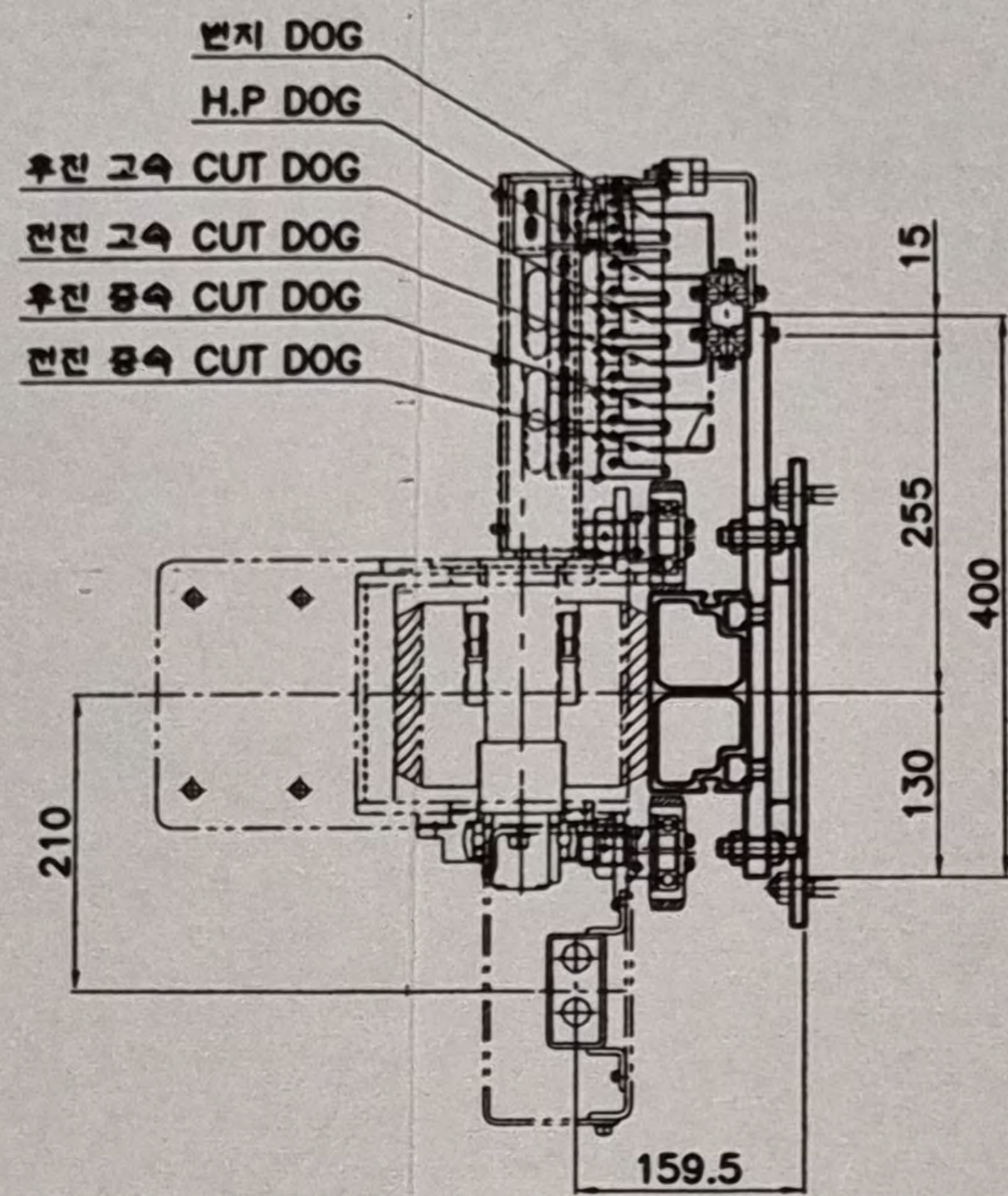


Can manufacturing tolerance(mm) DIN 8570	over315	±2	over2000~under4000	±6	over12000~under16000	±12	You must manufacture applying this can manufacturing tolerance in the case of non-marking special margin.	REV	DESCR
	over315~under1000	±3	over4000~under8000	±8	over16000~under20000	±14			
	over1000~under2000	±4	over8000~under12000	±10	over20000	±16			

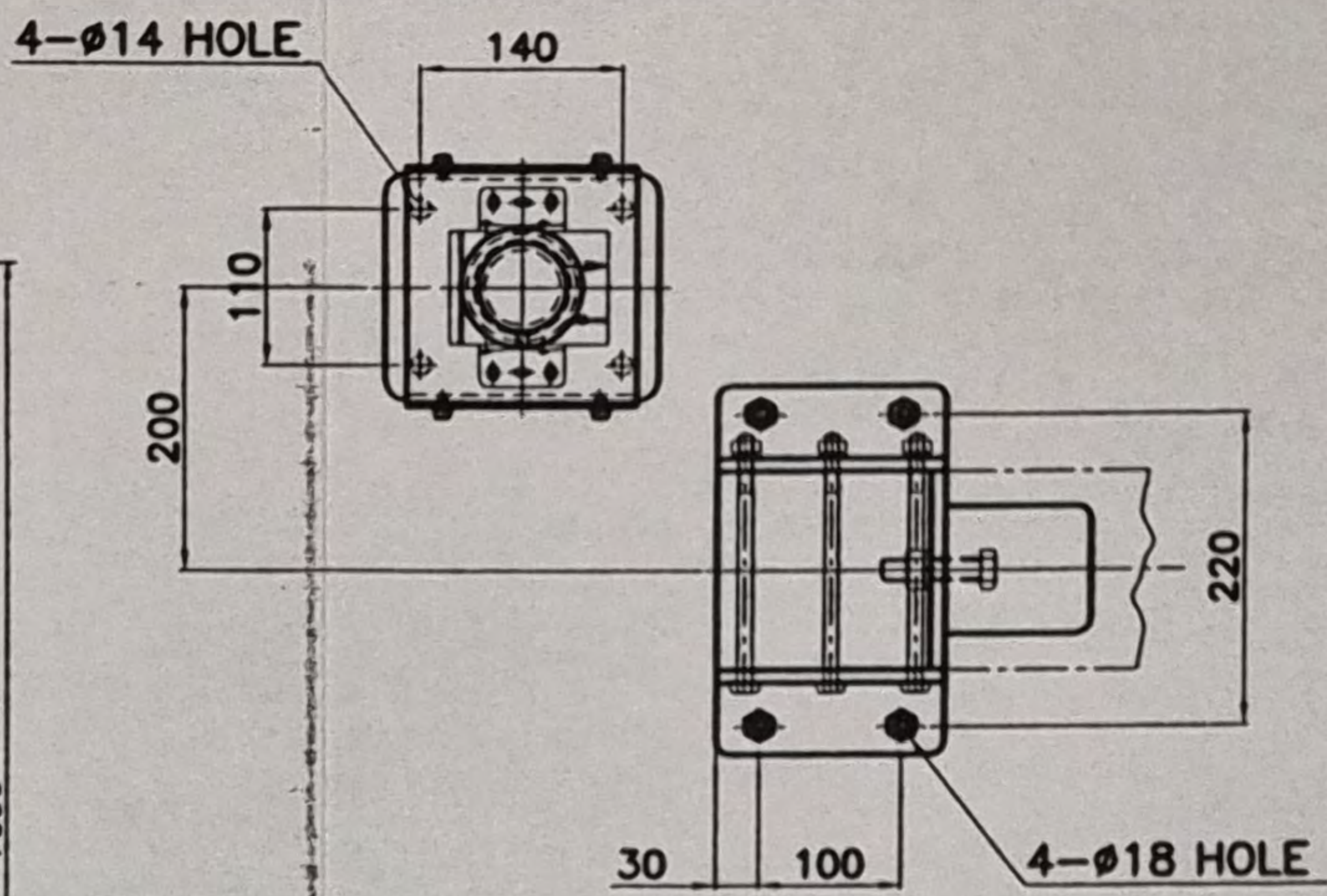
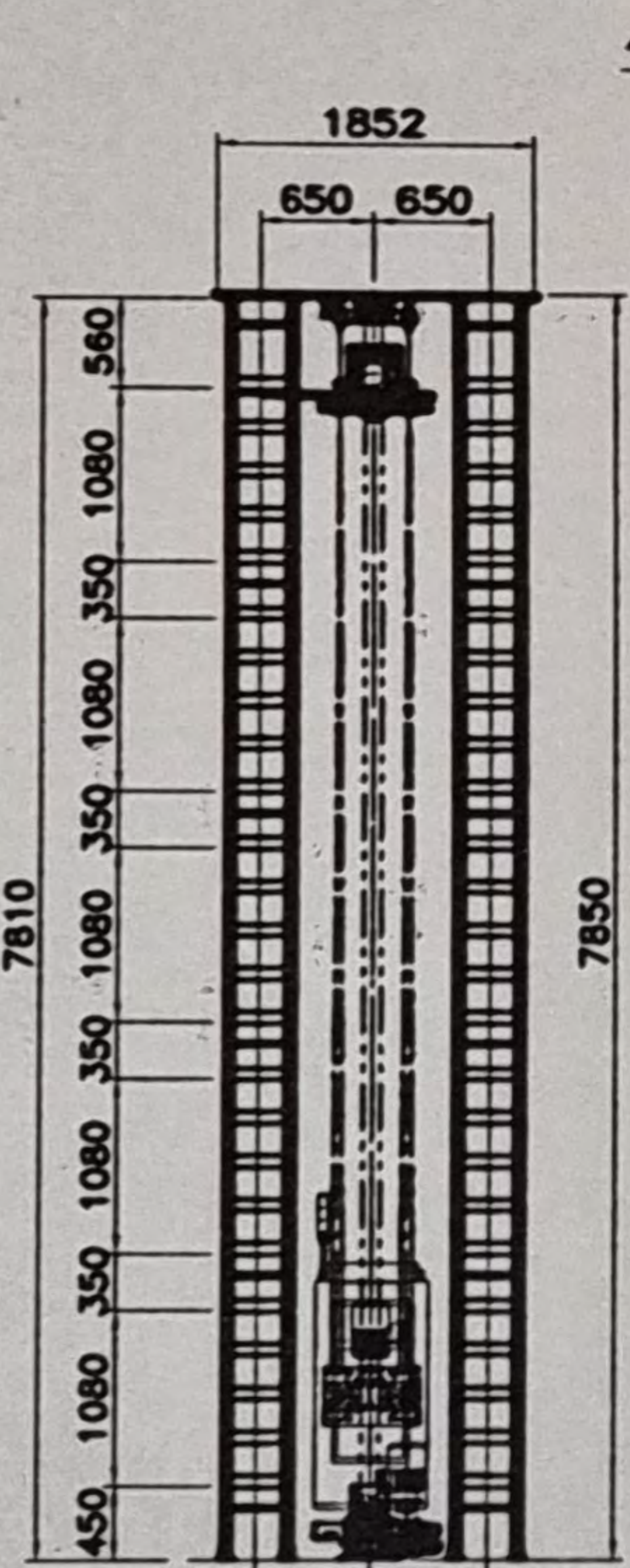
NO.	NAME & SIZE	MAT'L	UNIT WT. kg	Q'TY	TOTAL WT. kg	REMARKS
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ANCHOR DETAIL
(SCALE 10/1)



SENSOR ARRANGEMENT
(SCALE 10/1)



STOPPER & MODEM DETAIL
(SCALE 10/1)

NO.	NAME & SIZE	MAT'L	UNIT WT. kg	Q'TY	TOTAL WT. kg	REMARKS
TITLE						
HYUNDAI MOTOR CZECHO SHOP						
CLUTCH HOUSING AUTO STORAGE						
STACKER CRANE / 하부레일 ASS'Y						
Hanwha TechM						
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SCALE	SIZE	DWG NO.	REV.			
1/60	A1	2007AB004-HCCH-SC-J00-00				

You must manufacture applying this case of non-marking special margin.

REV	DESCRIPTION	DATE	DESIGNED	CHECKED	APPROVED
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