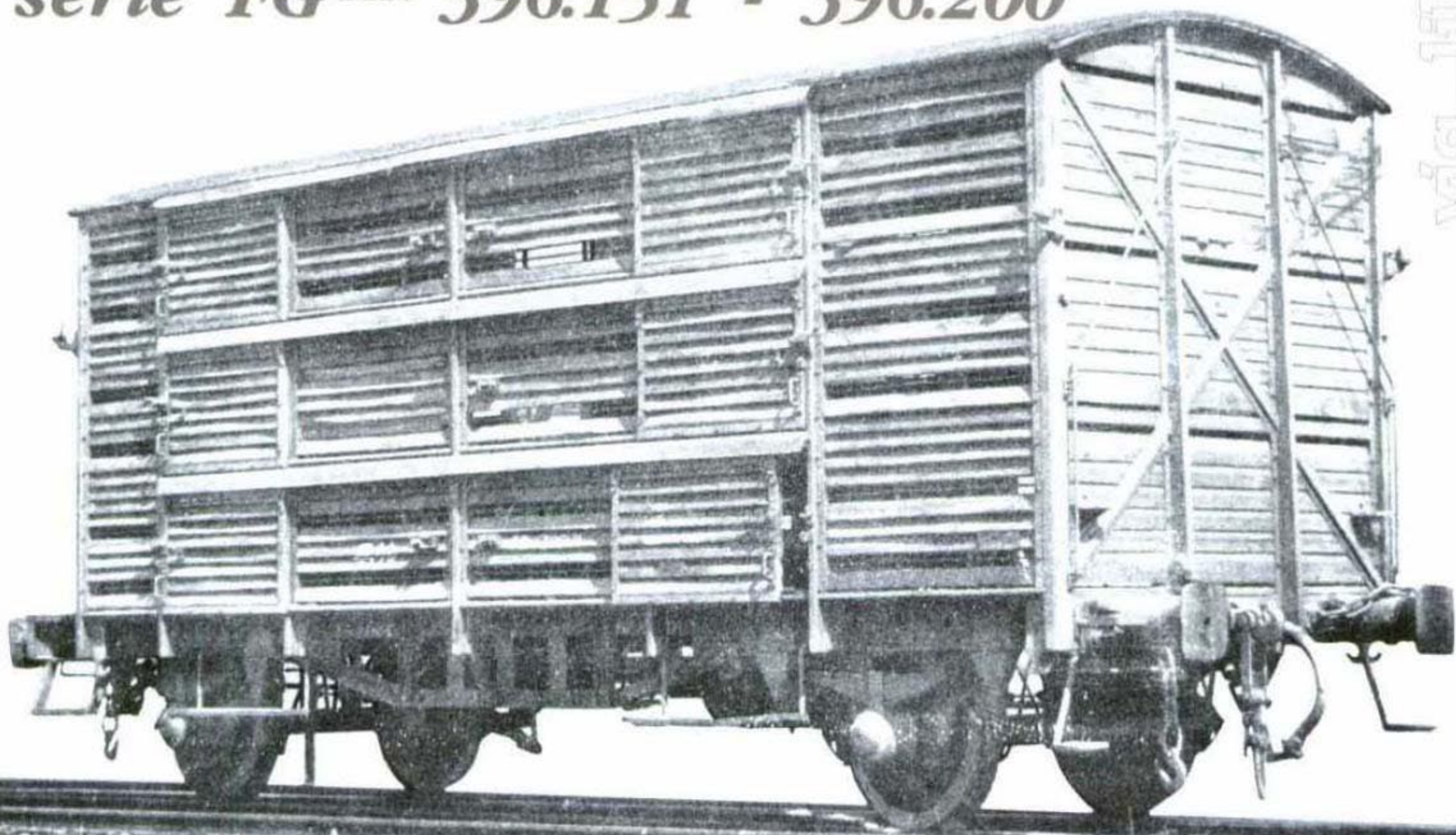


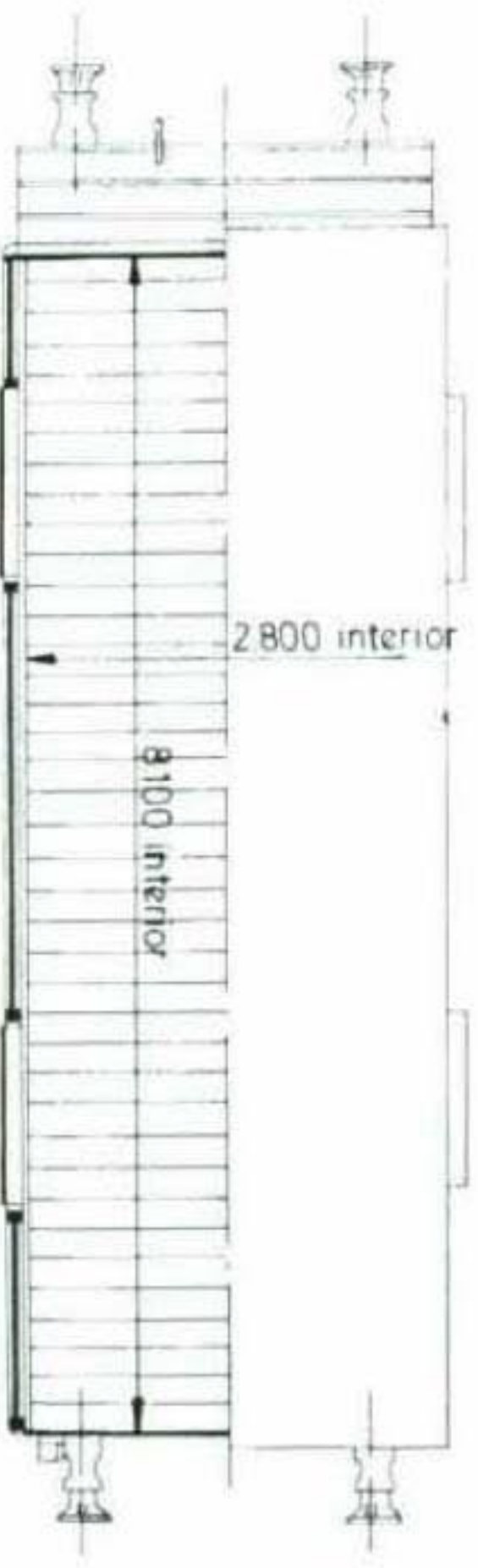
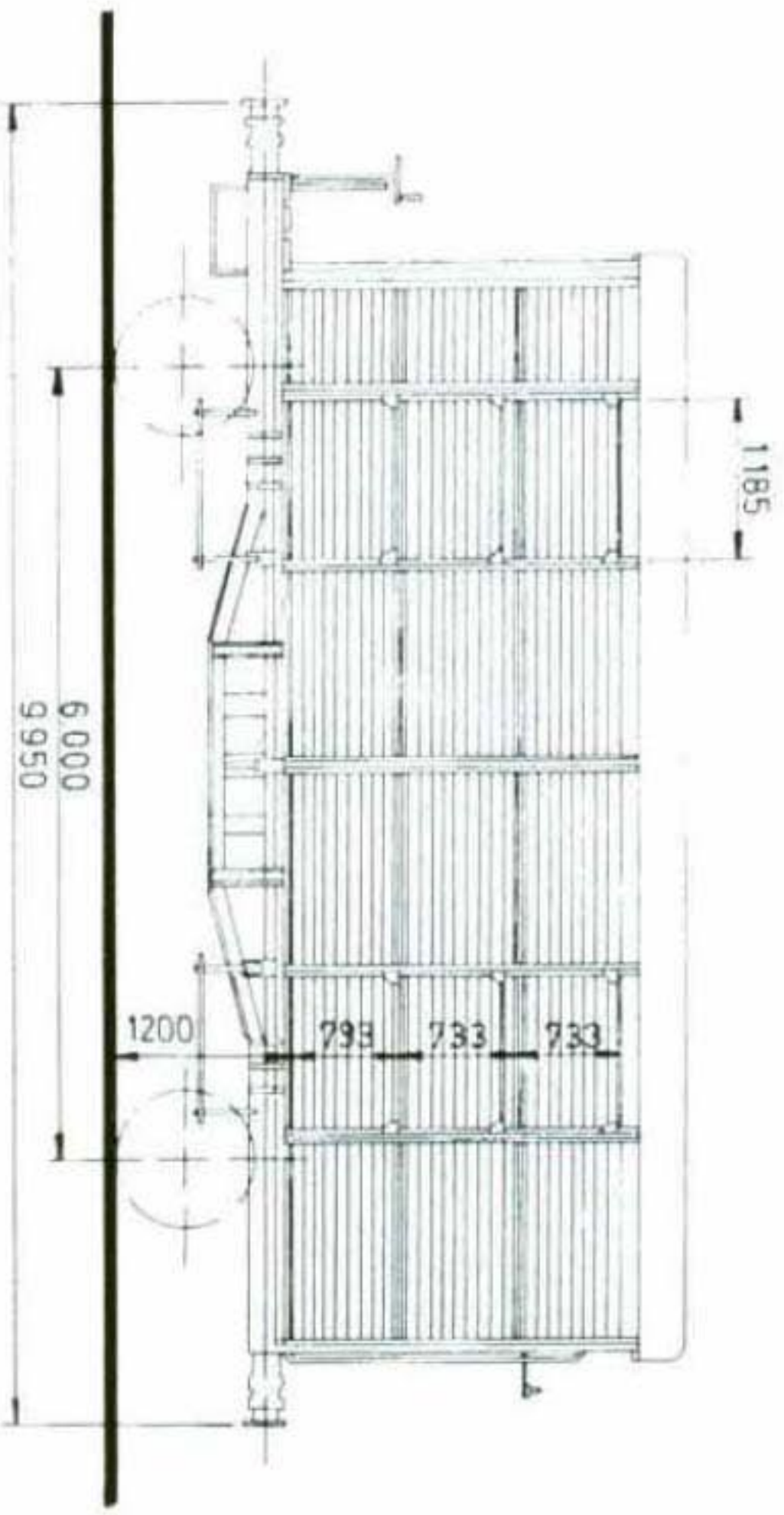
Jaula,

serie FG^{FHV} 396.151 - 396.200

VALMARE



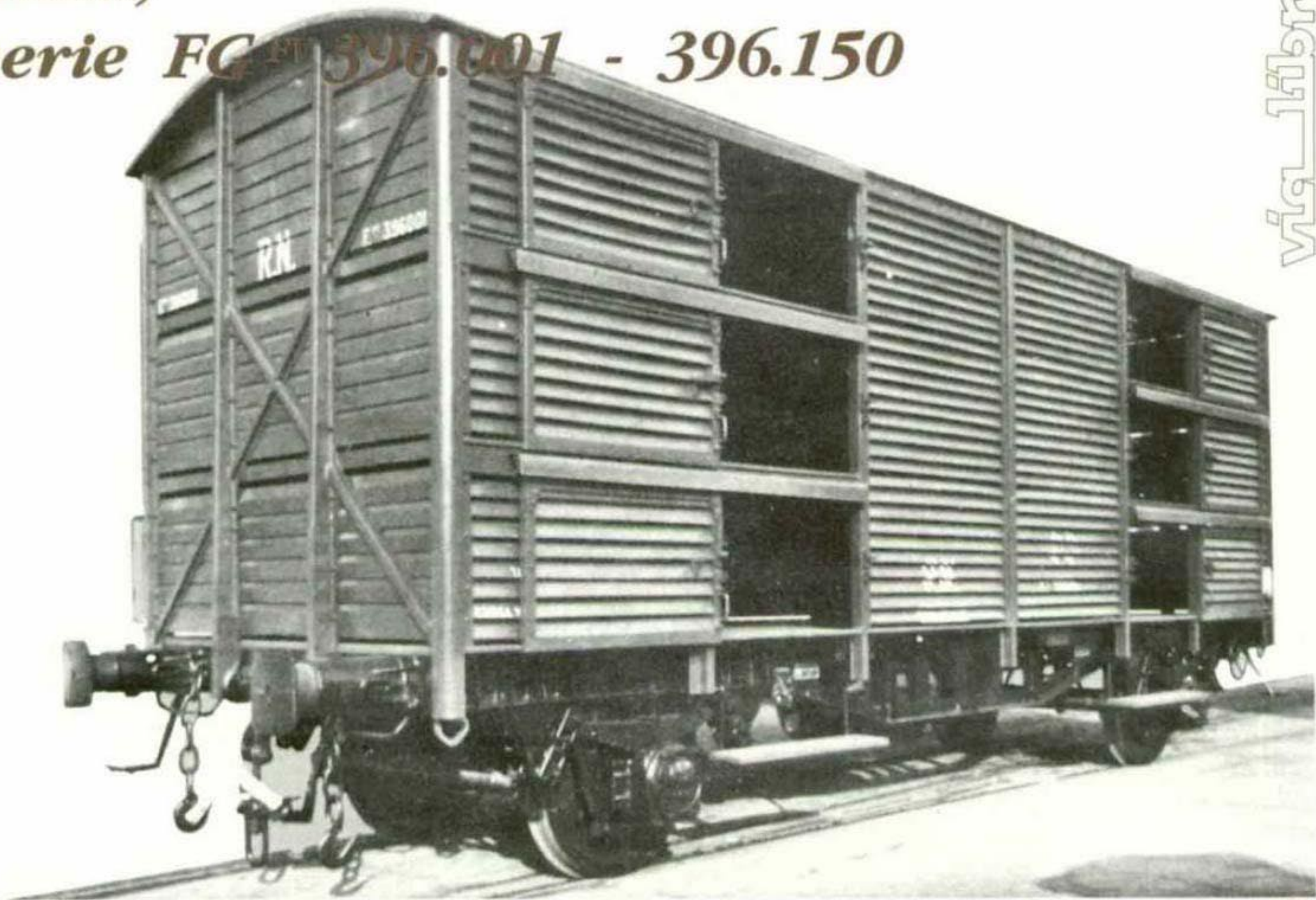
FG^{FHV} 396.151 - 396.200



- SUPERFICIE _____ 17.880 m²
- VOLUMEN APROX. _____
- TARA _____ 14 Tm.
- CARGA MAX _____ 17 Tm.
- TECHO _____ FIJO
- VELOCIDAD TIPO _____ 70-80-80

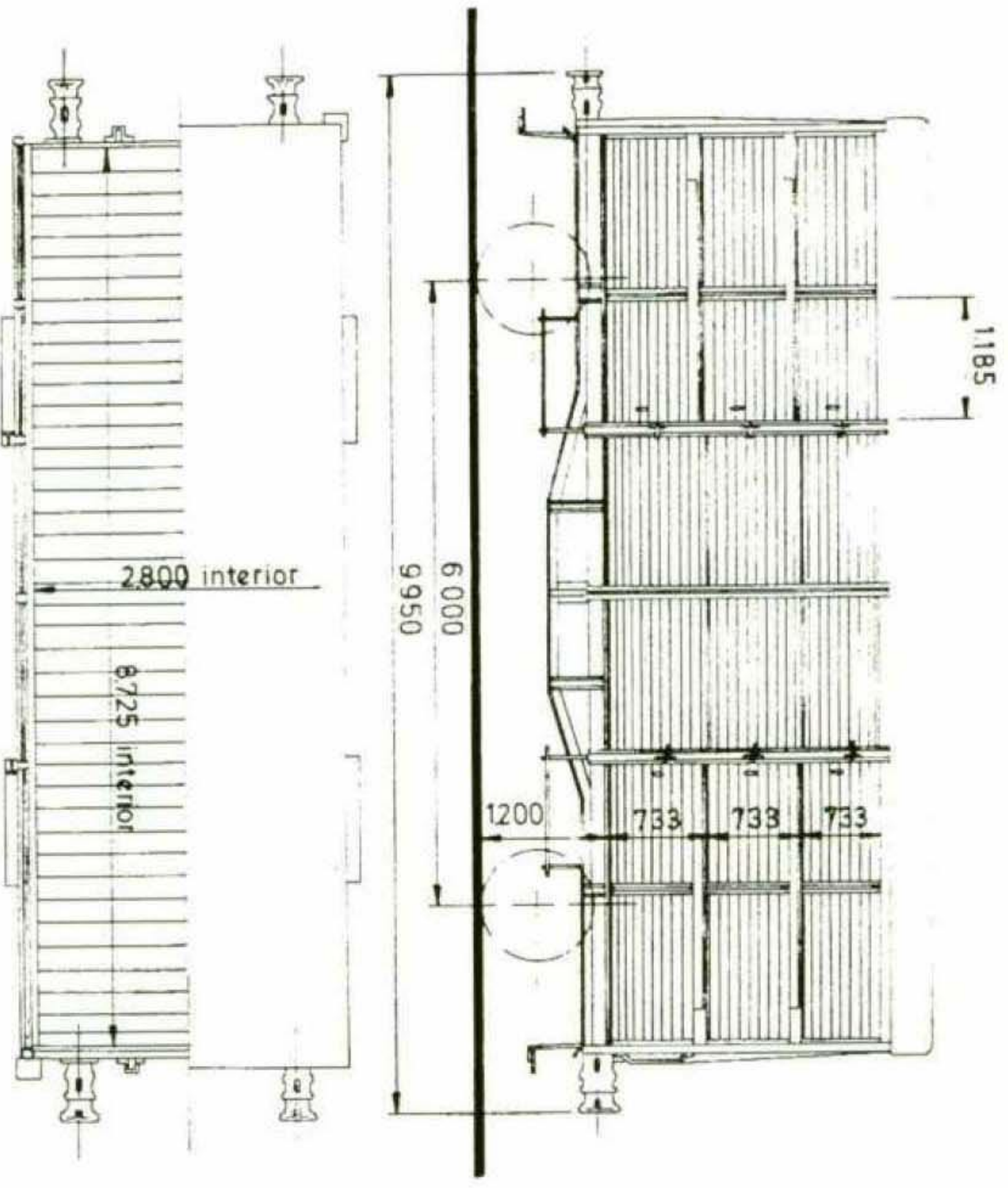
Jaula,

serie FC 396.001 - 396.150



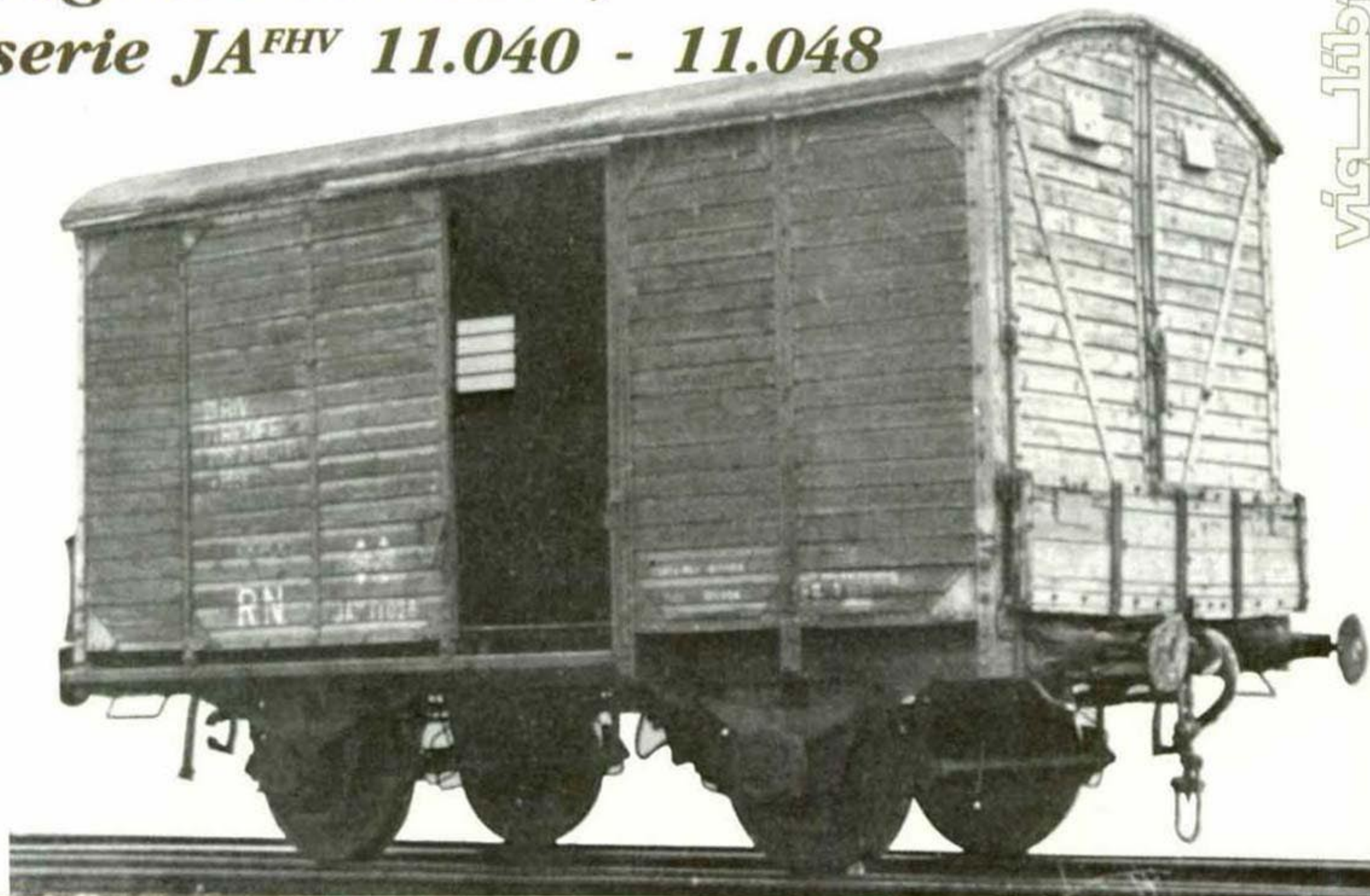
via illire

FG^{FV} 396.001 - 396.150



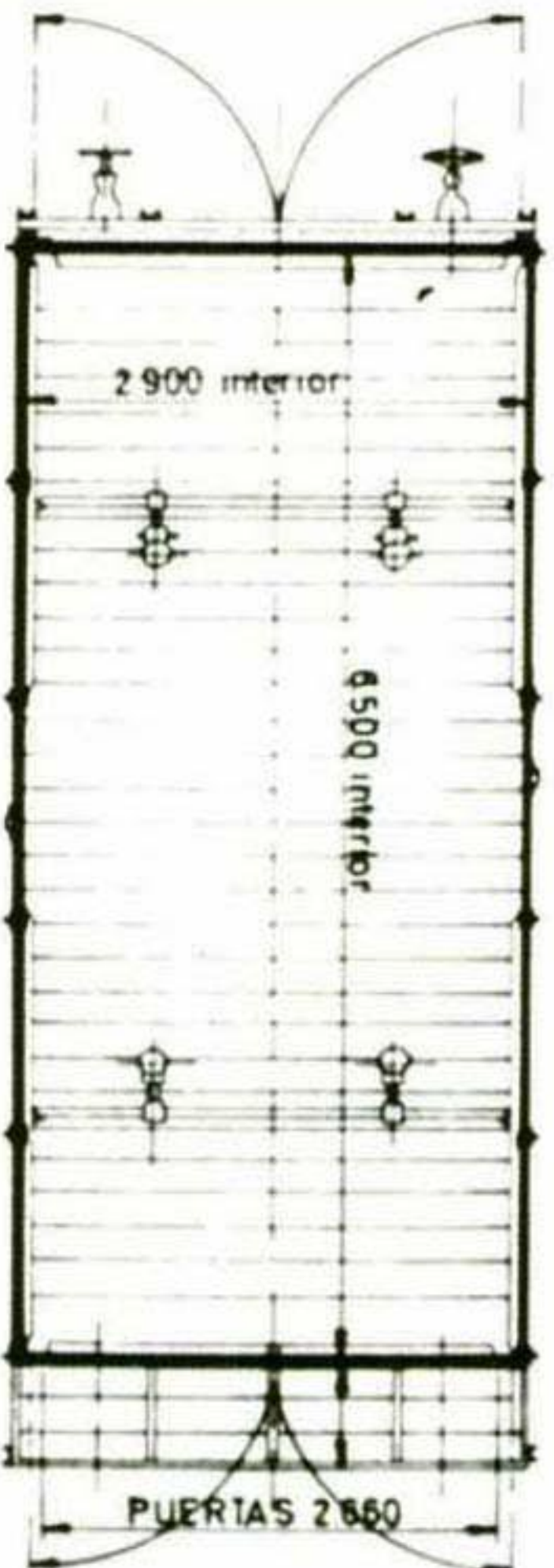
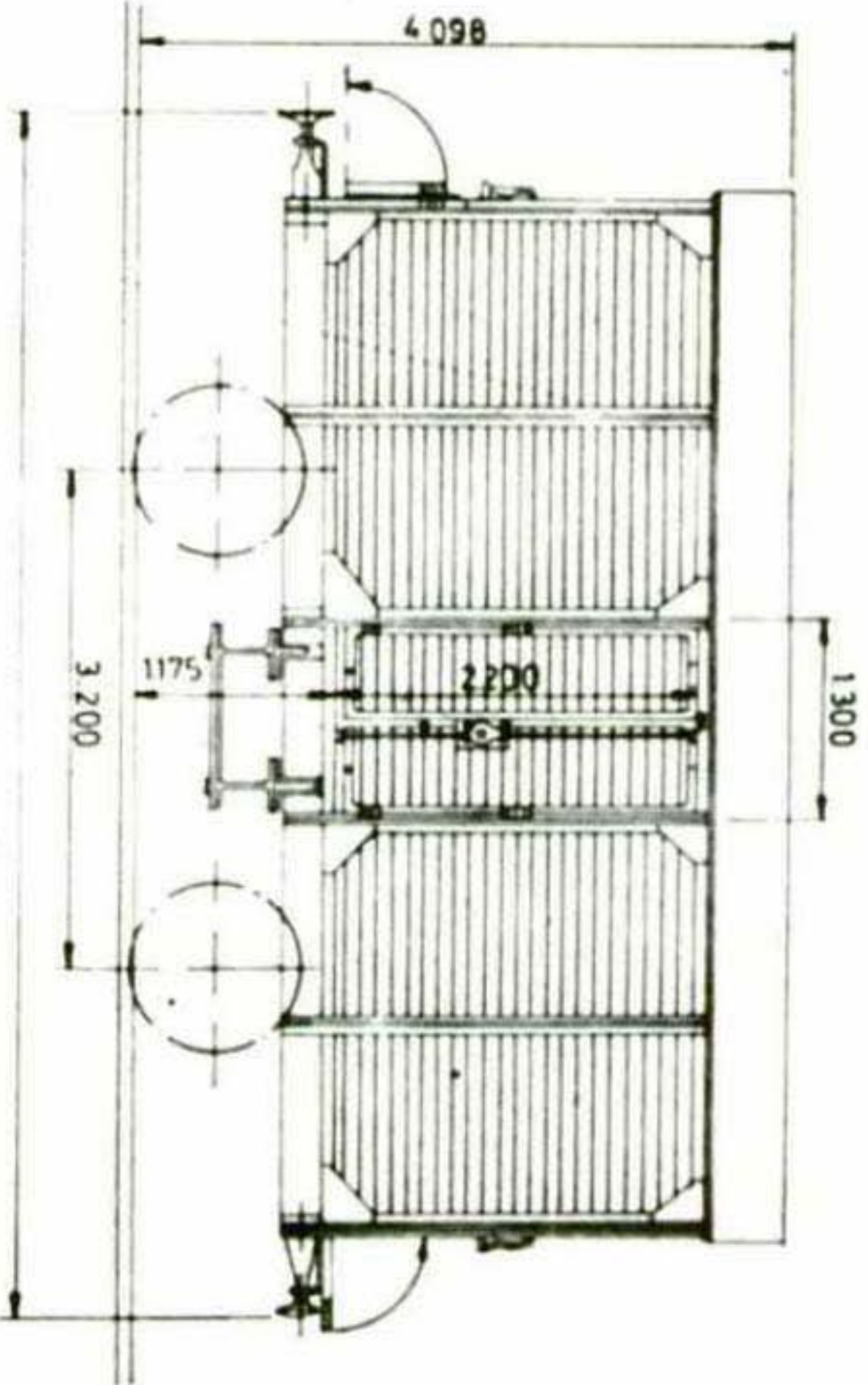
- SUPERFICIE _____ 19,430 m²
- VOLUMEN APROX. _____
- TARA _____ 14 Tm.
- CARGA MAX. _____ 17 Tm.
- TECHO _____ FIJO
- VELOCIDAD TIPO _____ 70-80-80

*Vagones cerrados,
serie JA^{FHV} 11.040 - 11.048*



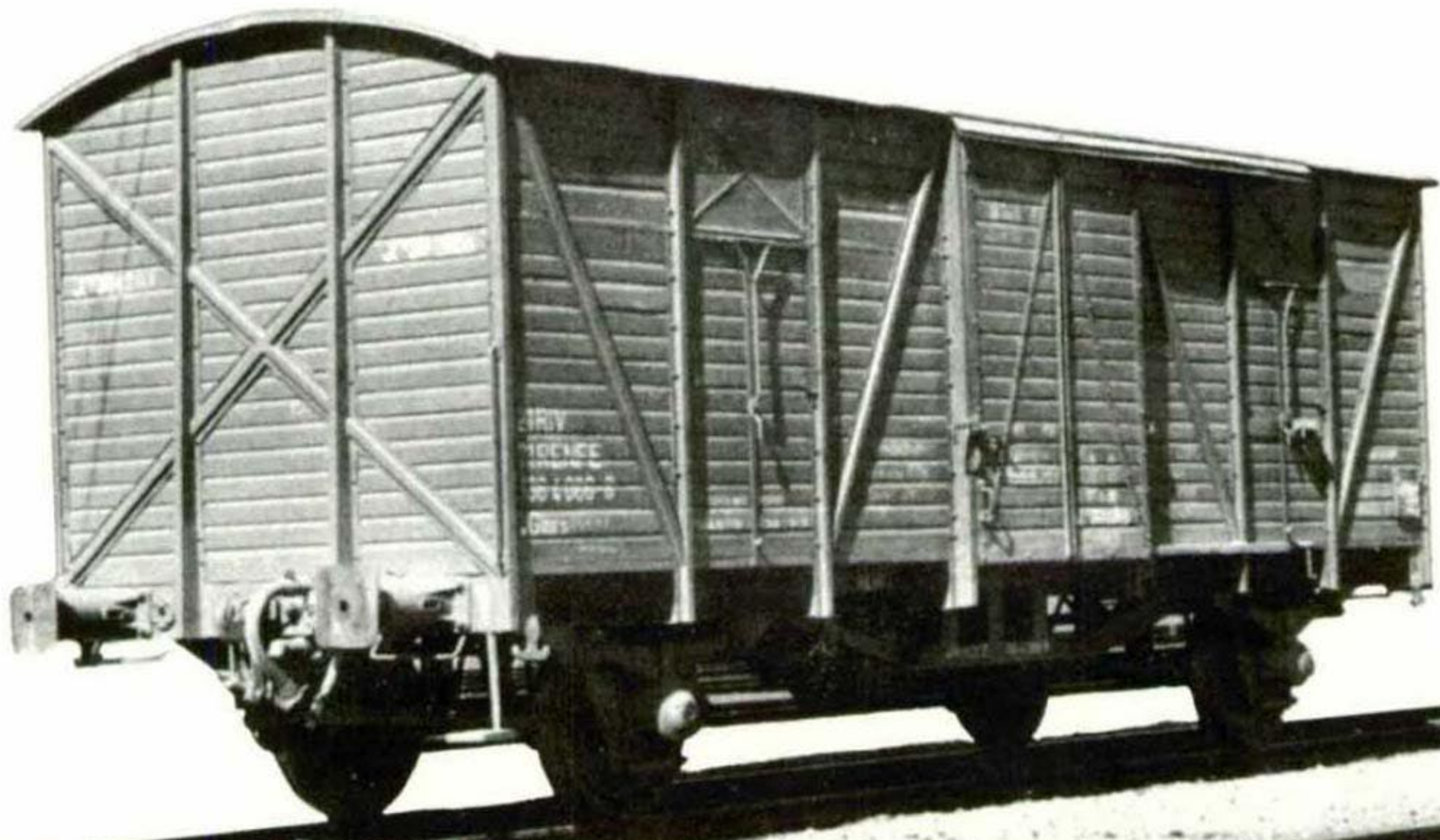
viallère

JA^{FV} 11.040 - 11.048



- SUPERFICIE _____ 28,55 m²
- VOLUMEN APROX _____ 82,078 m³
- TARA _____ 10,930 Tm.
- CARGA MAX _____ 10,000 Tm
- TECHO _____ FIJO
- VELOCIDAD TIPO _____ 50 - 60 - 60

Vagones cerrados, serie J^{FHV} 300.000

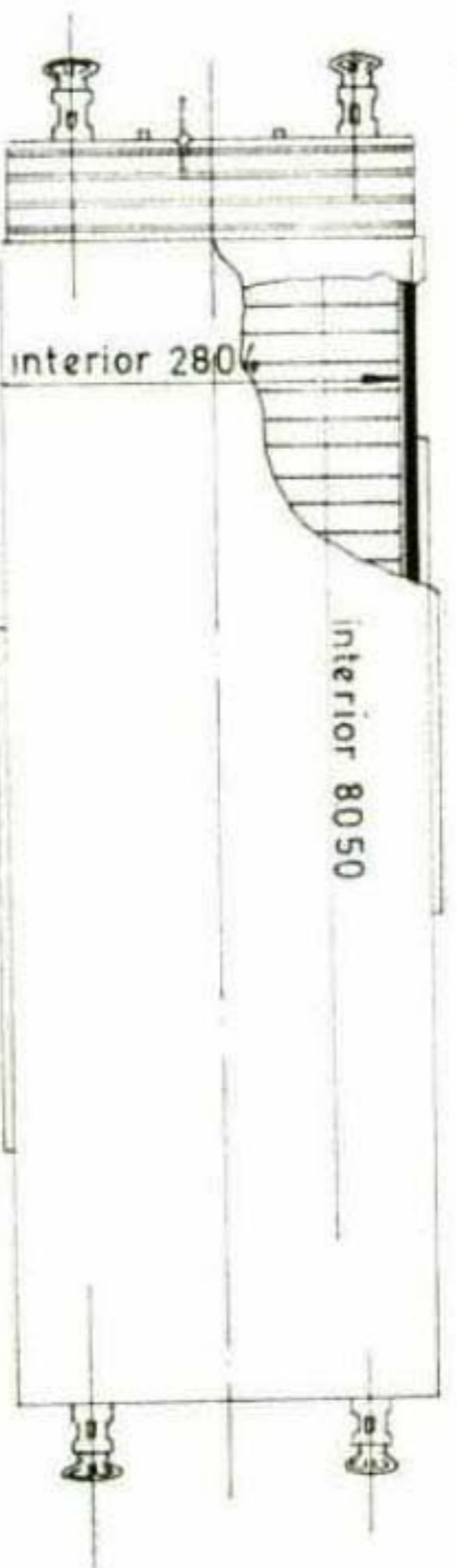
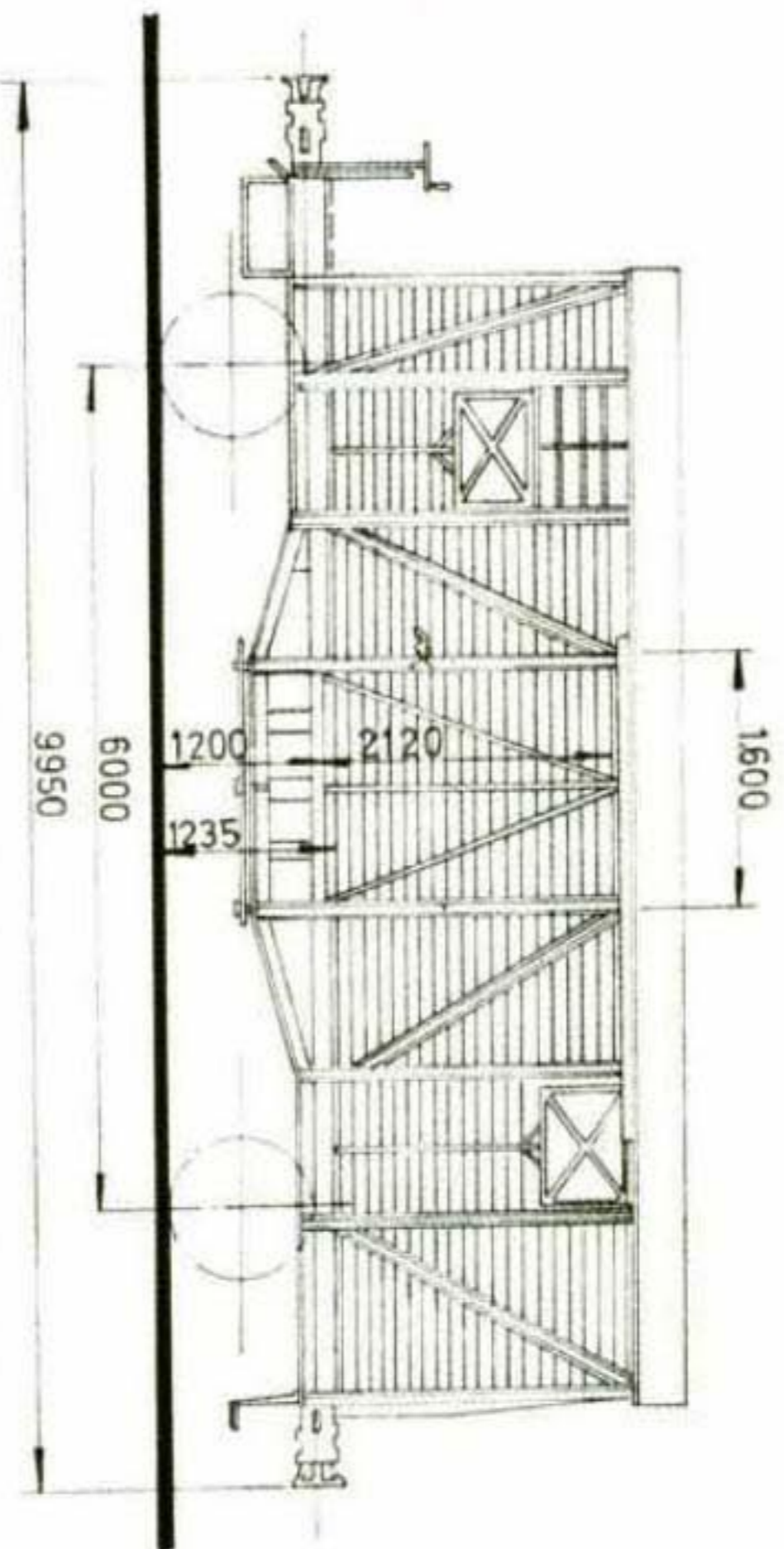


Via Vittore

CERRADOS

এসএলসি

J^{FHV} 301.752-302.001; 302.752-303.001; 303.752-304.001;
304.552-305.801; 306.552-306.801.



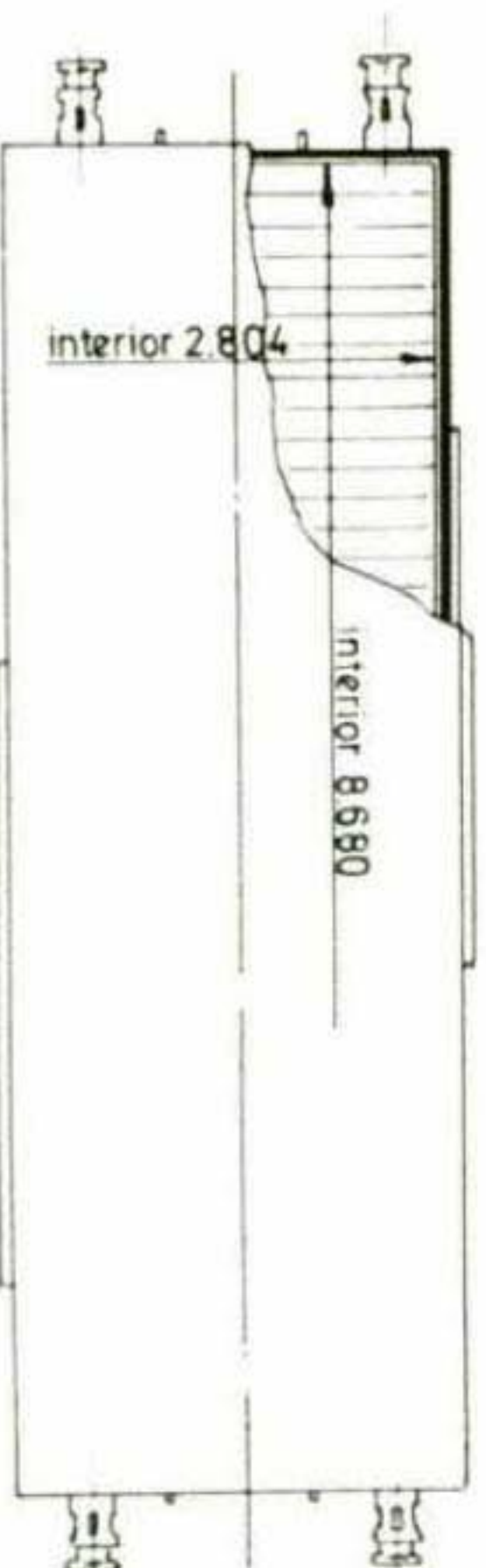
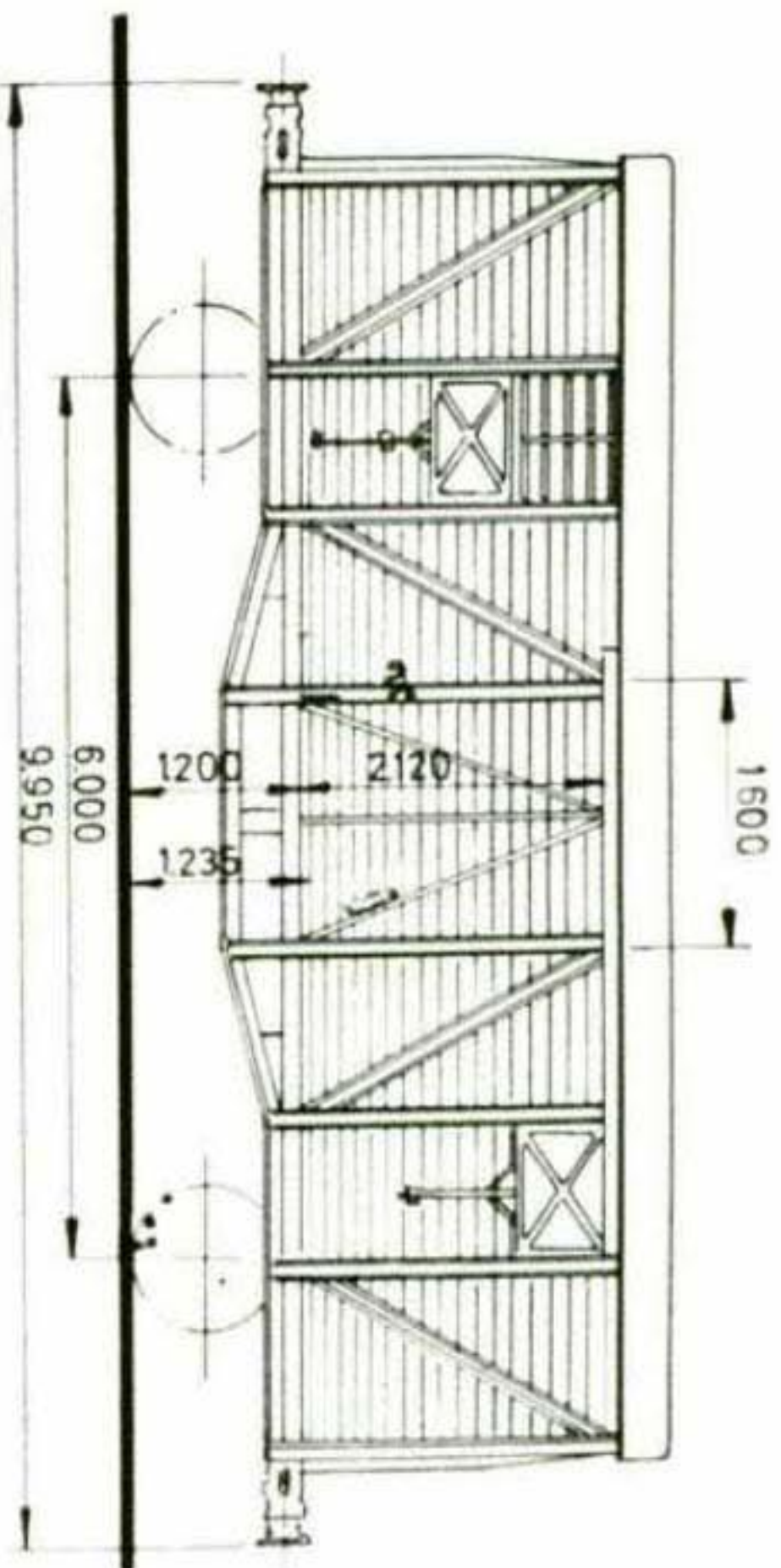
SUPERFICIE _____ 22,57 m²
VOLUMEN APROX. _____ 48,191 m³
TARA _____ 11 Tm.
CARGA MAX _____ 20 Tm.
TECHO _____ FIJO
VELOCIDAD TIPO _____ 70-80-80

*Vagones cerrados,
serie J^{FV} 300.000*



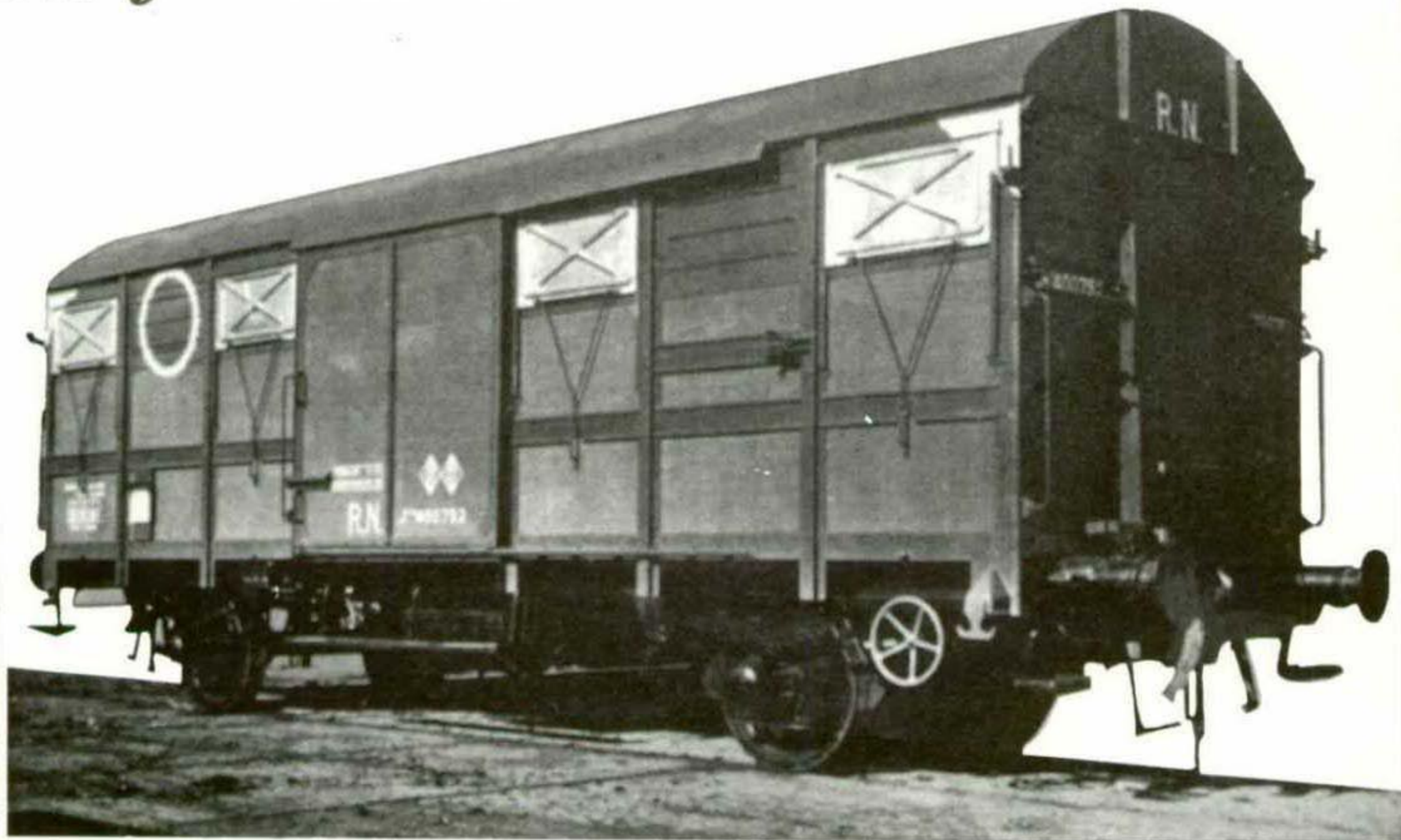
via libre

J^{FV} 300.002-301.751 ; 302.002-302.751 ; 303.002-303.751 ;
 304.002-304.551 ; 305.802-306.551



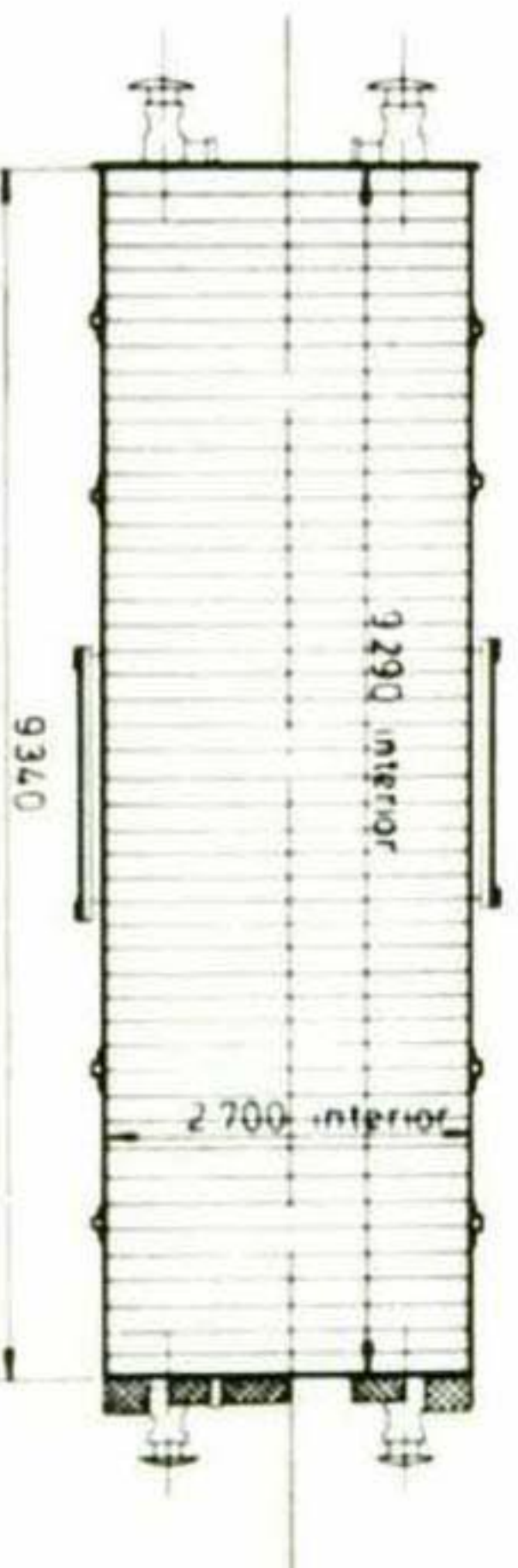
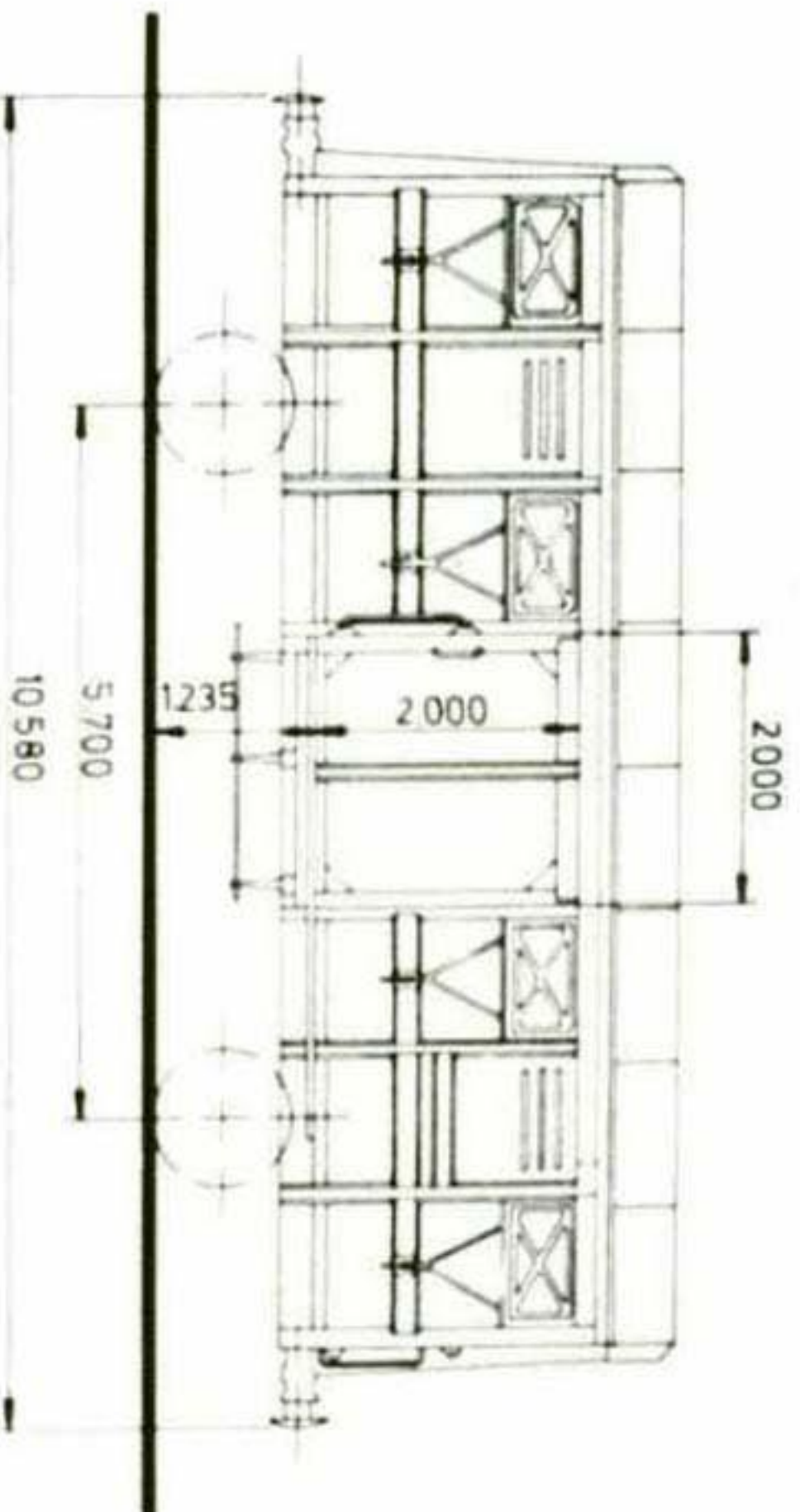
SUPERFICIE _____ 24,33 m²
 VOLUMEN APROX. _____ 51,701 m³
 TARA _____ 11 Tm.
 CARGA MAX. _____ 20 Tm.
 TECHO _____ FIJO
 VELOCIDAD TIPO _____ 70-80-80

*Vagones cerrados,
serie J^{FVI} 400.001 - 402.505*



vigilante

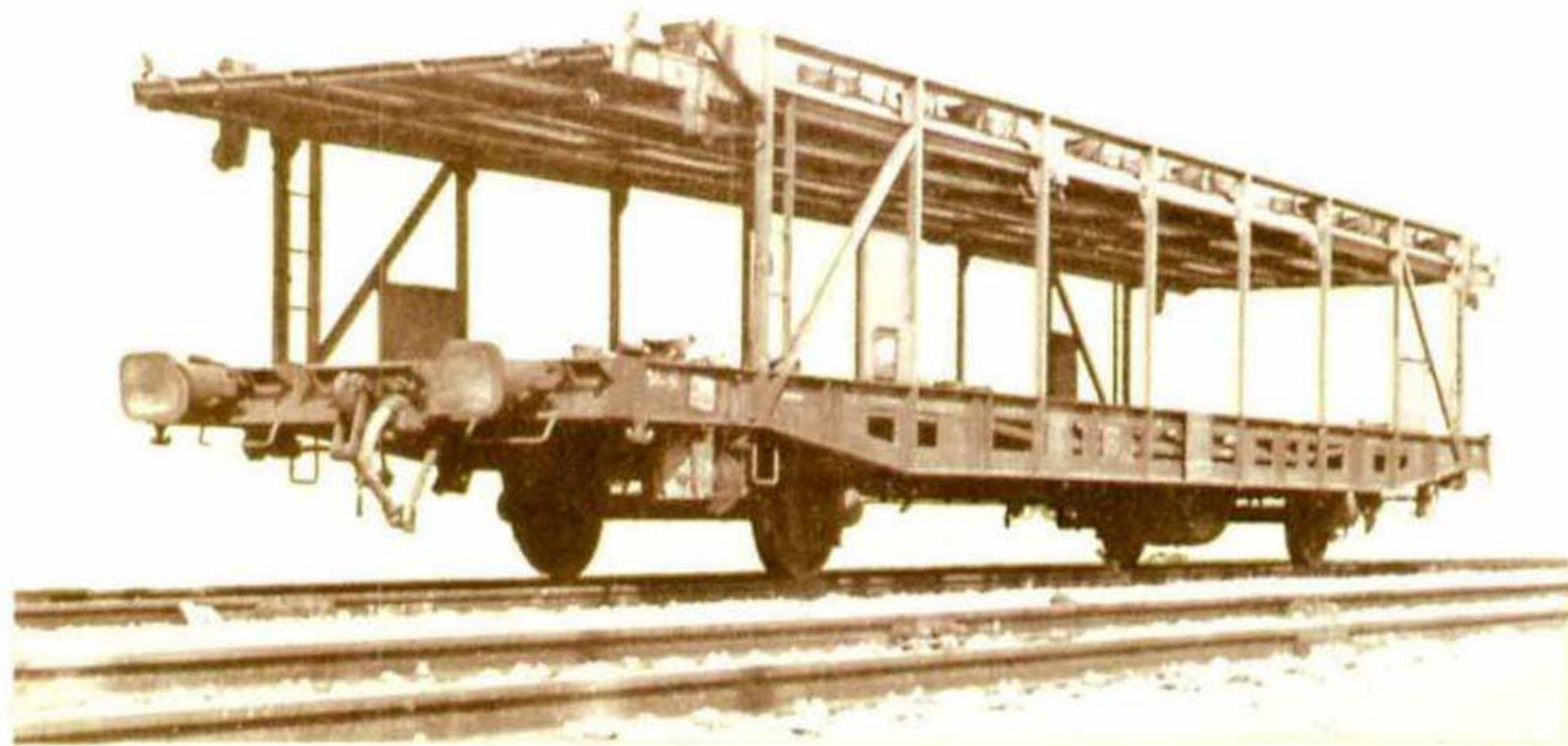
J^{FVI} 400.001 - 402.505



- SUPERFICIE _____ 25,002 m²
- VOLUMEN APROX _____ 60,00 m³
- TARA _____ 12 Tm
- CARGA MAX _____ 28 Tm
- TECHO _____ FIJO
- VELOCIDAD TIPO _____ 100 - 100

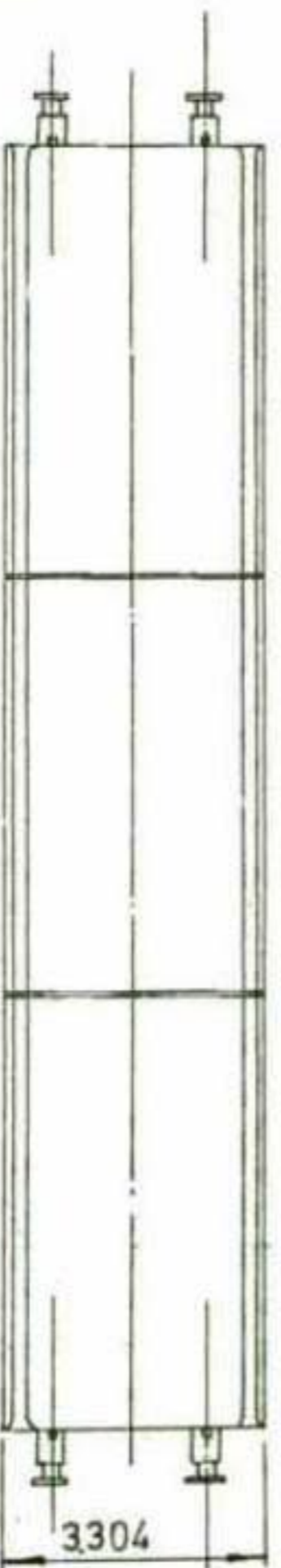
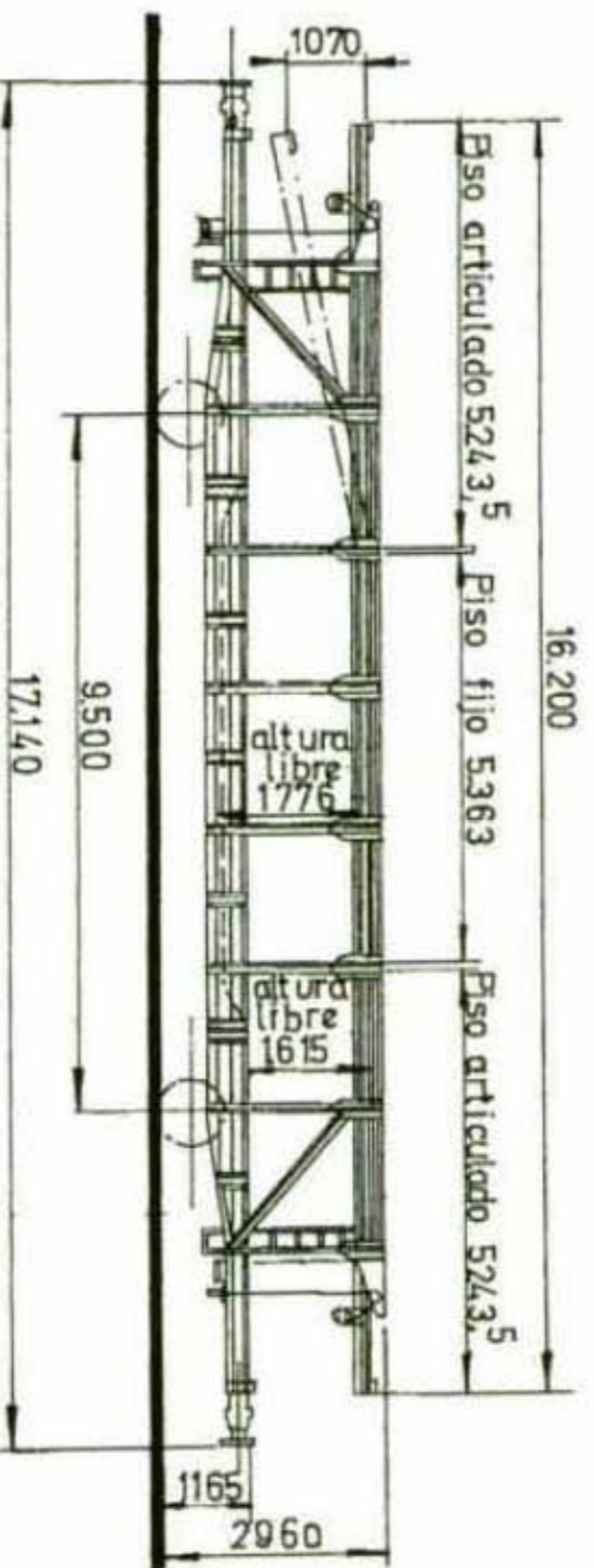
Plataforma,

serie MA 465.001 - 465.175



MA 465.001 - 465.175

MARCA JE U.I.C. Lekrs 21 71 418 0 000 - 21 71 418 0 176



PISO SUPERIOR E INFERIOR DE CHAPA ONDULADA

SUPERFICIE _____ 53,52 m²

VOLUMEN APROX. _____

TARA _____ 16,900 Tm.

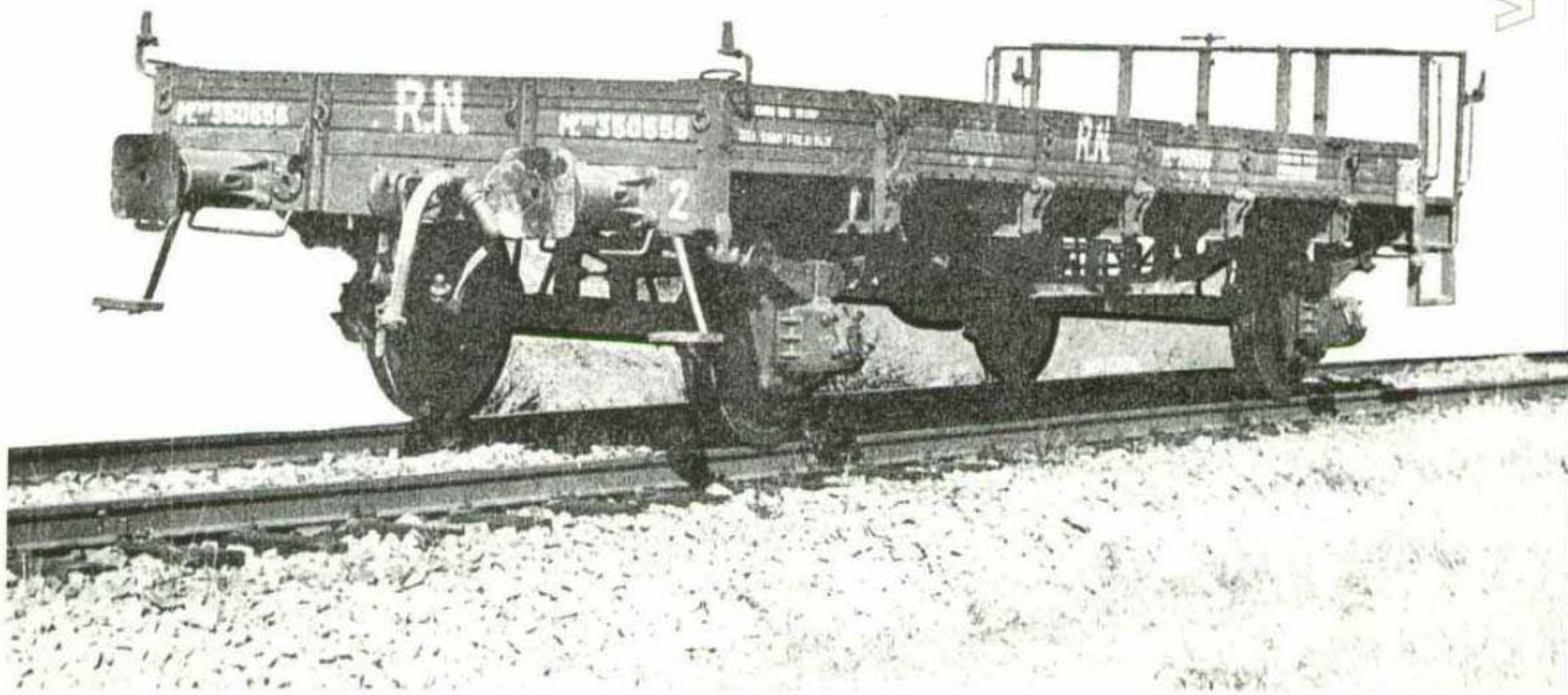
CARGA MAX. _____ 19,00 Tm.

TECHO _____

VELOCIDAD TIPO _____ 100-100

*Plataforma,
serie M^{FHV} 350.452 - 350.601*

Wagons

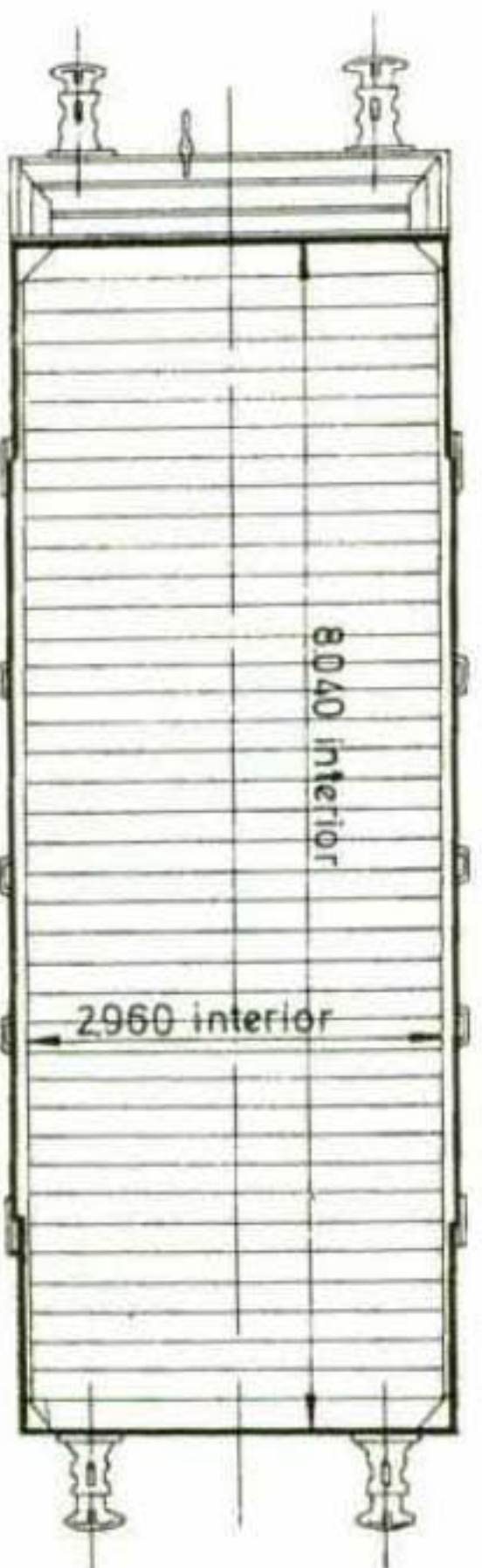
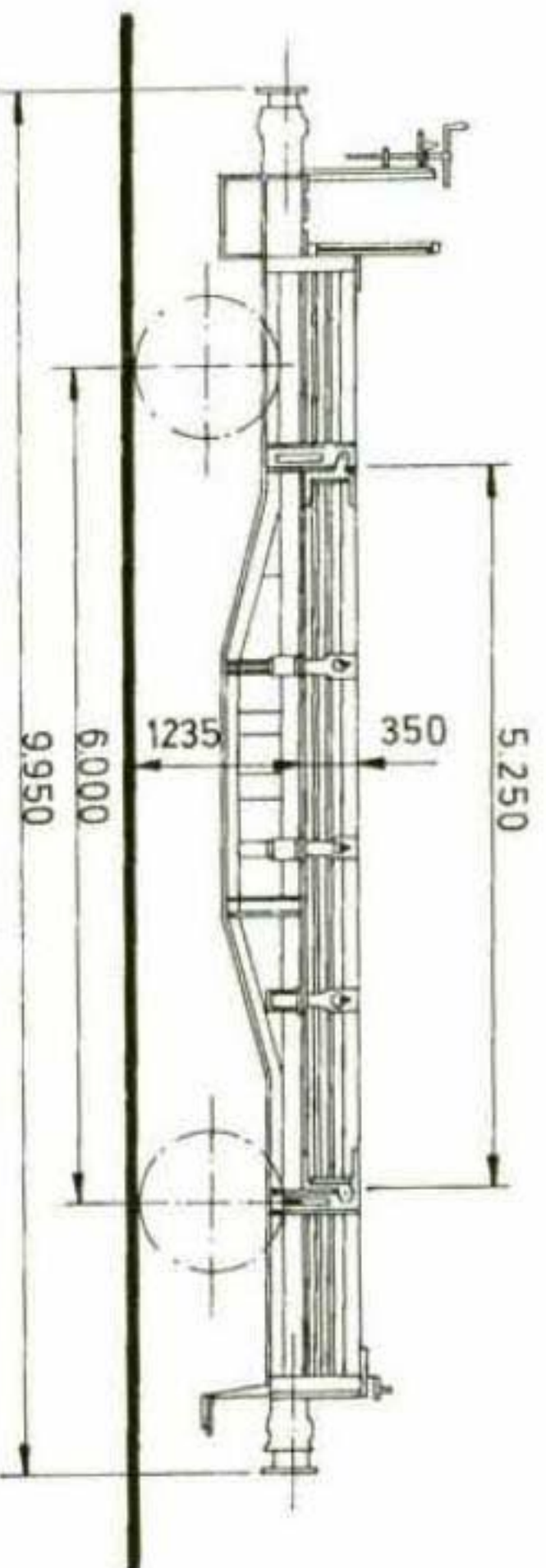


PLATAFORMAS



M^{FHV} 350.452 - 350.601

MARCAJE U.I.C. Klimmo 21 71 317 0 726 - 21 71 317 0 843



SUPERFICIE _____ 23,79 m²

VOLUMEN APROX. _____

TARA _____ 10,500 Tm

CARGA MAX. _____ 20 Tm.

TECHO _____

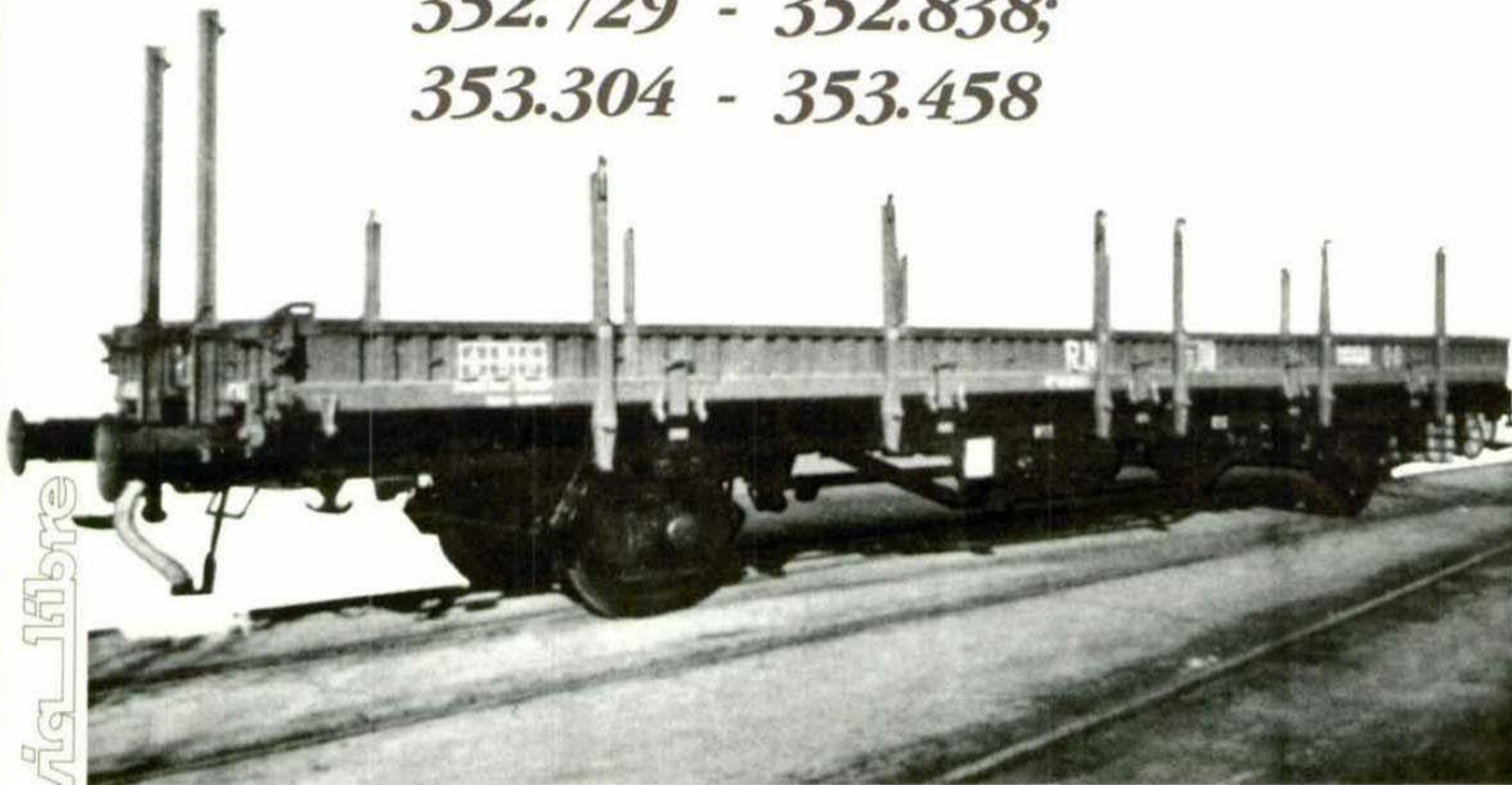
VELOCIDAD TIPO _____ 70 - 80 - 80

Plataforma,

serie M^{FHV} 352.202 - 352.401;

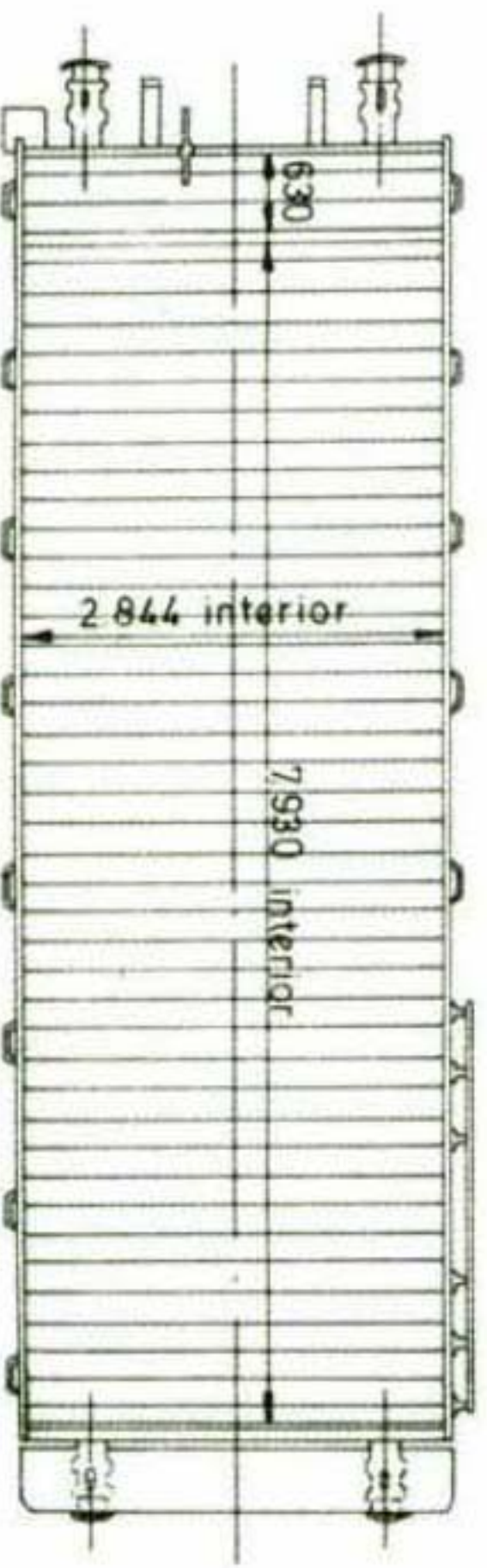
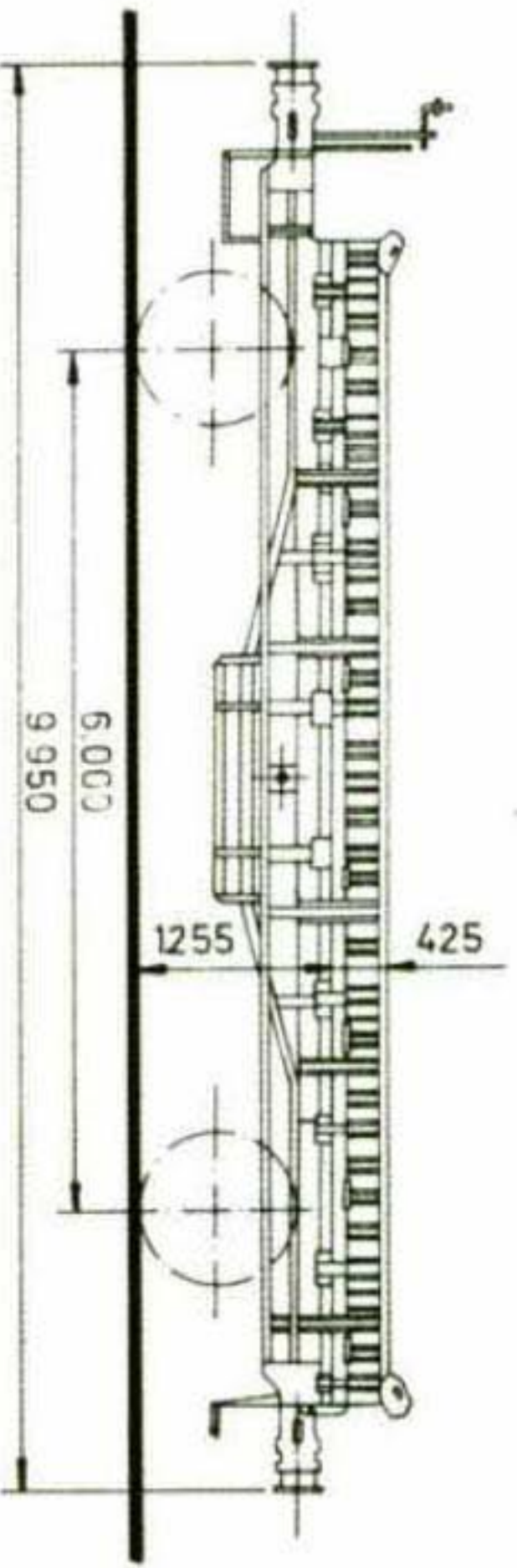
352.729 - 352.838;

353.304 - 353.458



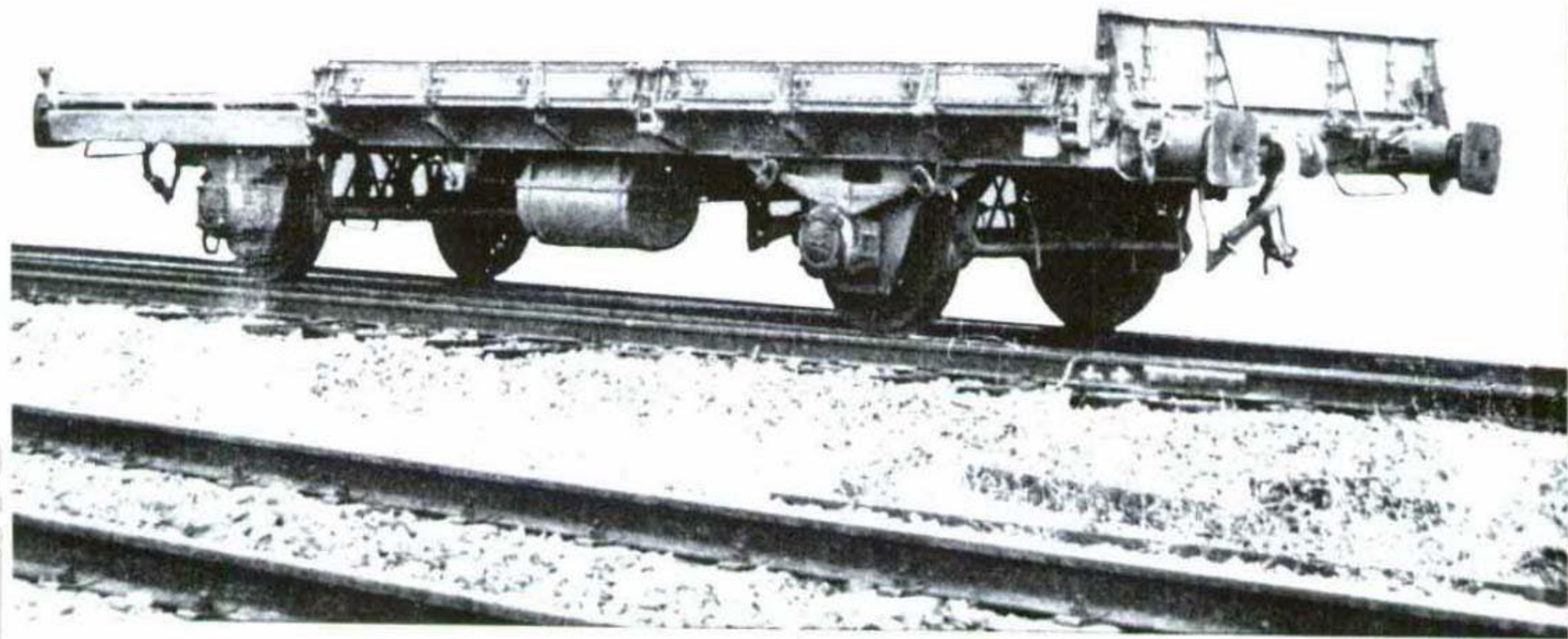
PLATAFORMAS (TESTEROS, PUENTES Y COSTADOS ABATIBLES) (TELEROS DESMONTABLES)

M^{FHV} 352.202 - 352.401; 352.729 - 352.838;
353.304 - 353.458



SUPERFICIE _____ 20,966 m²
 VOLUMEN APROX. _____
 TARA _____ 9,450 Tm.
 CARGA MAX. _____ 20 Tm.
 TECHO _____
 VELOCIDAD TIPO _____ 70-80-80

***Plataformas,
serie M^{FV} 155.001 - 155.500***

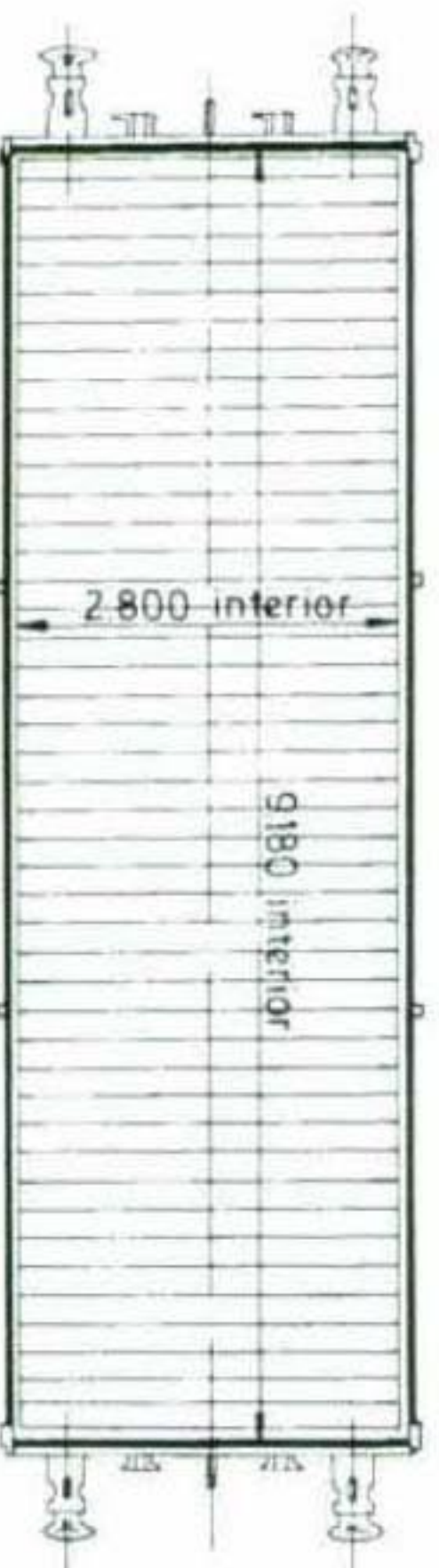
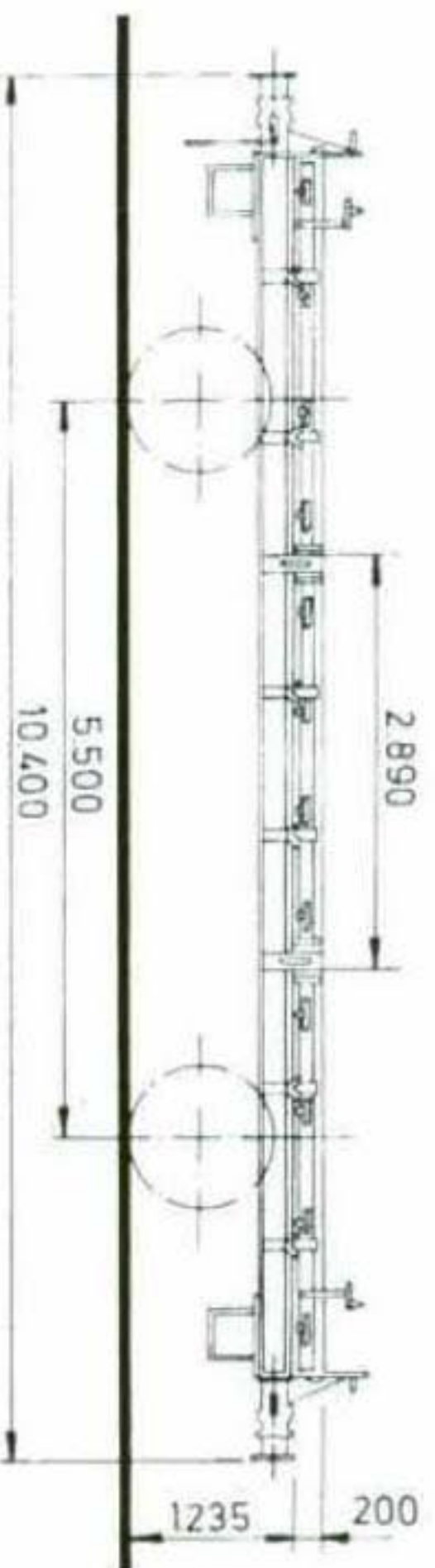


PLATAFORMAS



M^{FV} 155.001 - 155.500

MARCAJE U.I.C. Klim 21 71 3130 000 - 21 71 313 0 490



SUPERFICIE _____ 22,93 m²

VOLUMEN APROX. _____

TARA _____ 9 200 Tm.

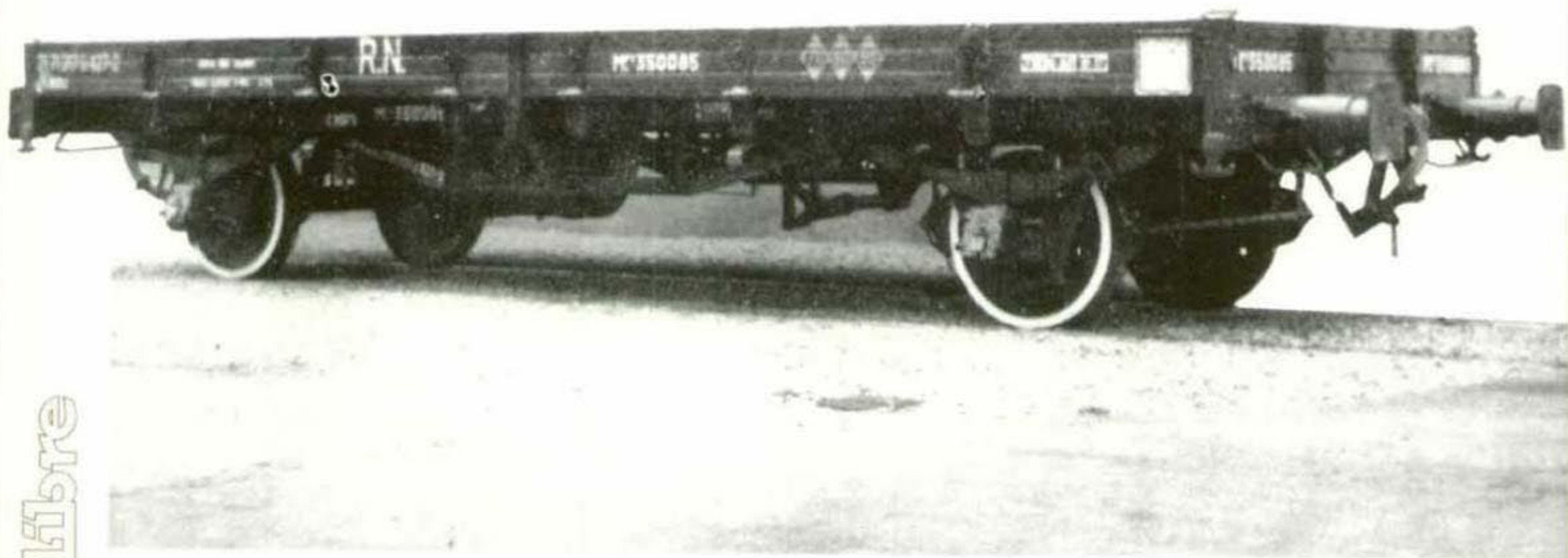
CARGA MAX. _____ 20 Tm.

TECHO _____

VELOCIDAD TIPO _____ 70 - 80 - 80

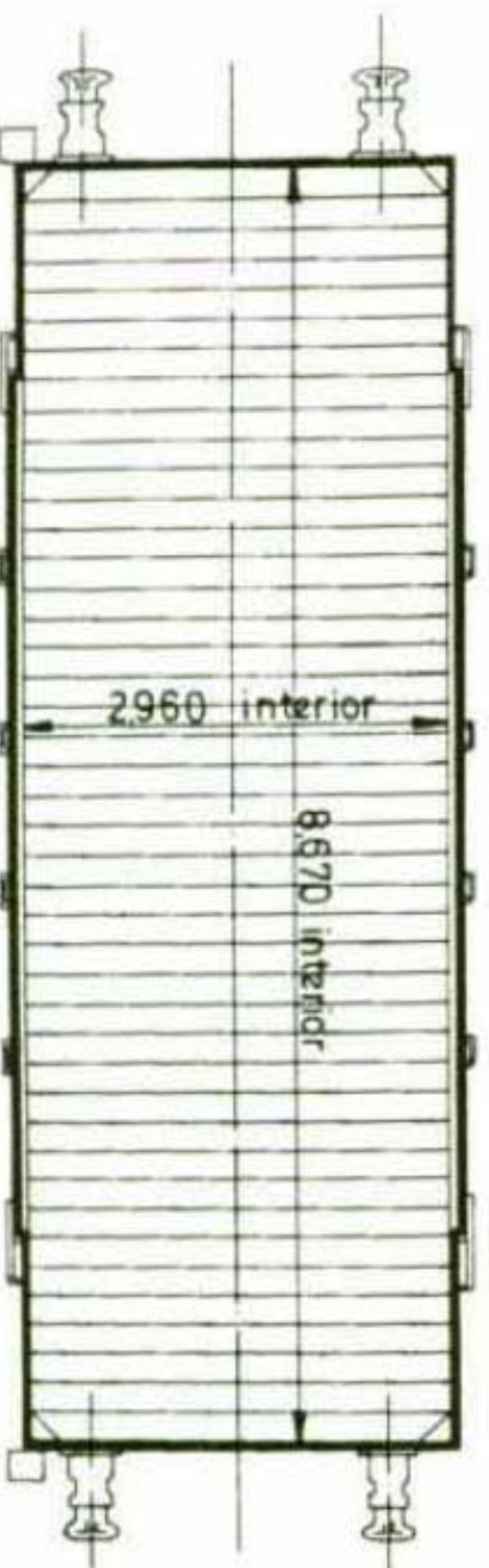
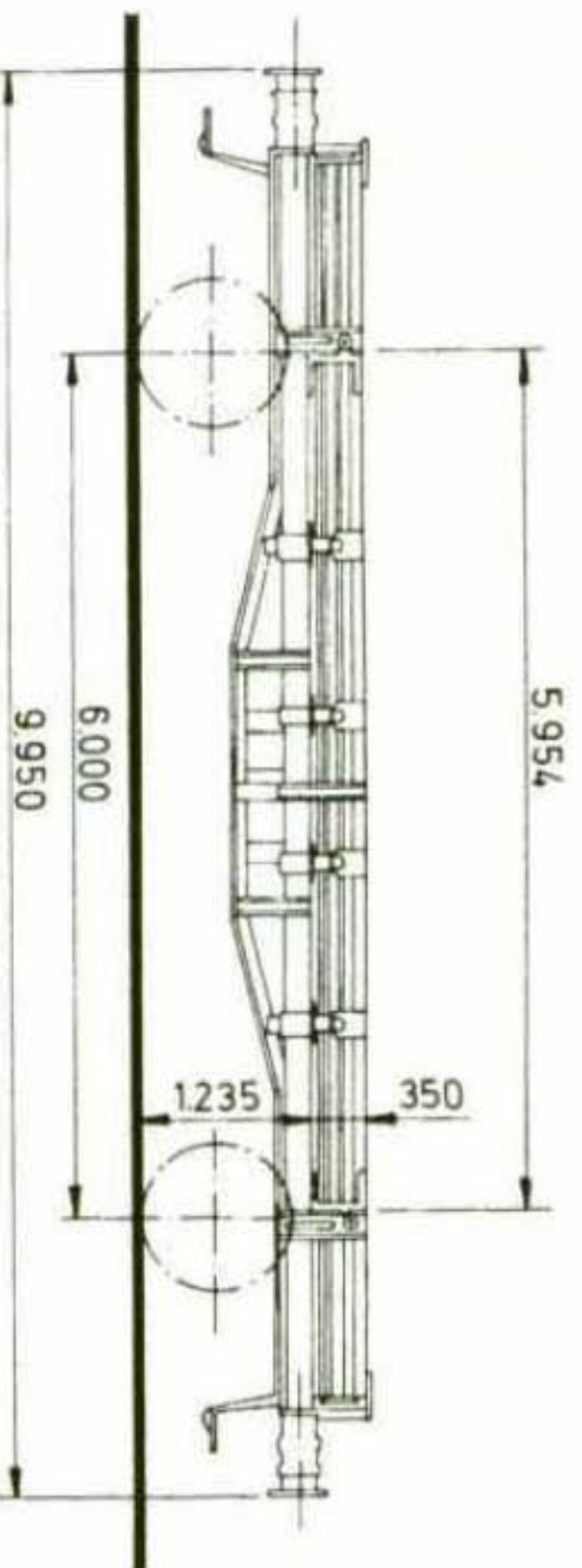
Plataformas,

serie M^{FV} 350.001 - 350.450



M^{FV} 350.001 - 350.450

MARCAJE U.I.C. Klimmo 21 71 317 0 363 - 21 71 317 0 725



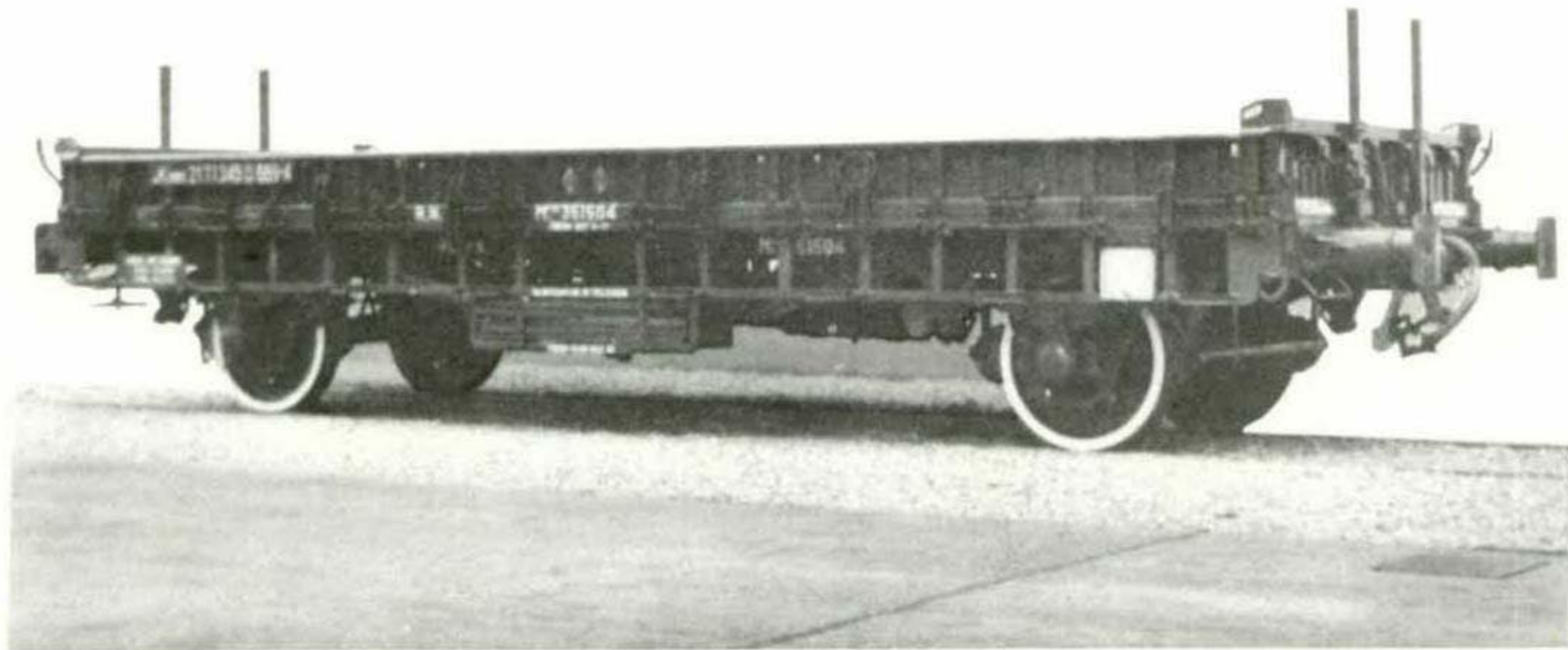
SUPERFICIE _____ 25,41 m²
 VOLUMEN APROX _____
 TARA _____ 10,500 Tm.
 CARGA MAX _____ 20 Tm.
 TECHO _____
 VELOCIDAD TIPO _____ 70 - 80 - 80

Plataformas,

serie M^{FV} 350.602 - 352.201;

352.402 - 352.728;

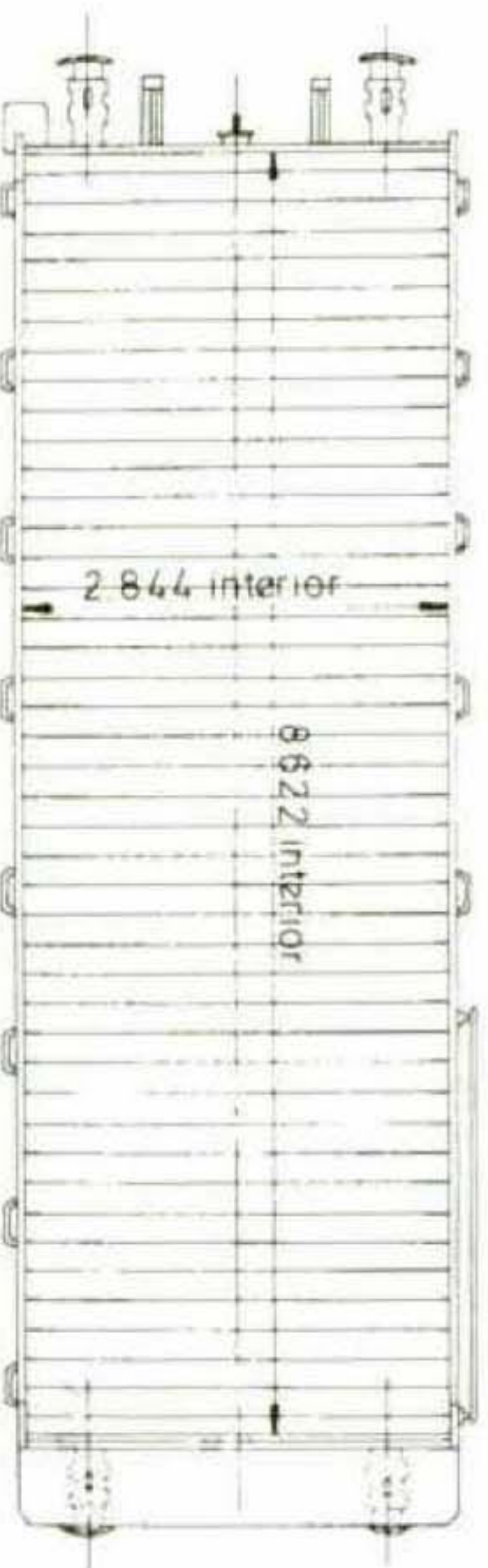
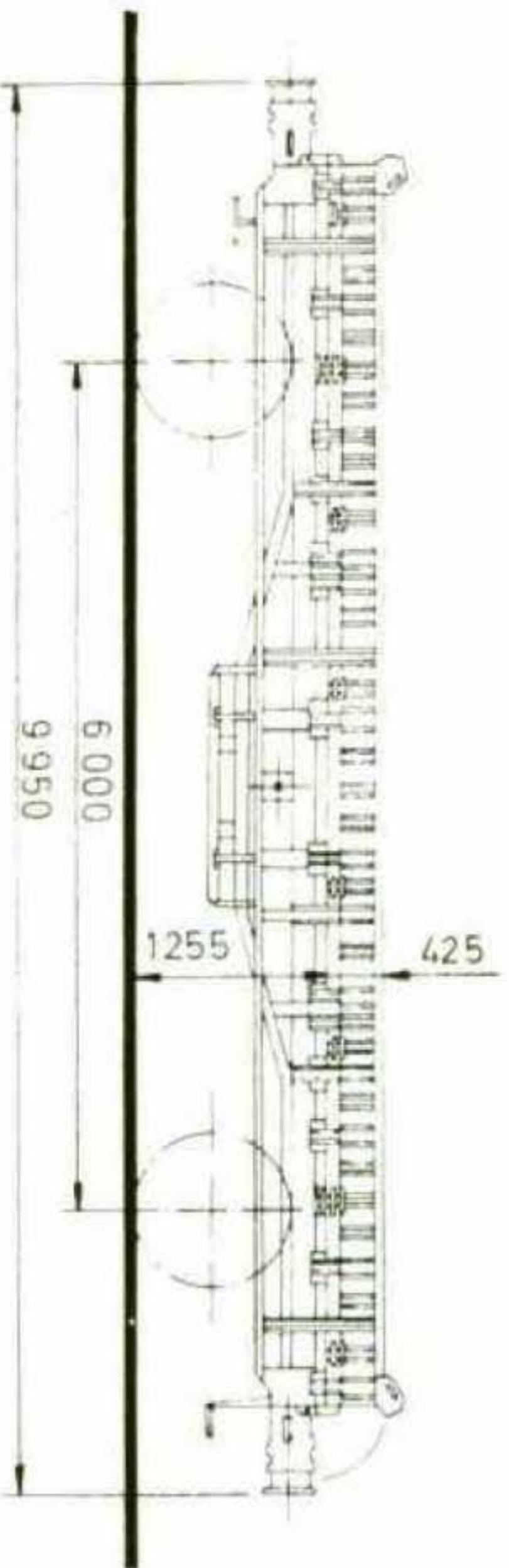
352.839 - 353.303



PLATAFORMAS (TESTEROS, PUENTES Y COSTADOS, ABATIBLES)
(TELEROS DESMONTABLES)

M^{FV} 350.602 - 352.201; 352.402 - 352.728;
352.839-353.303

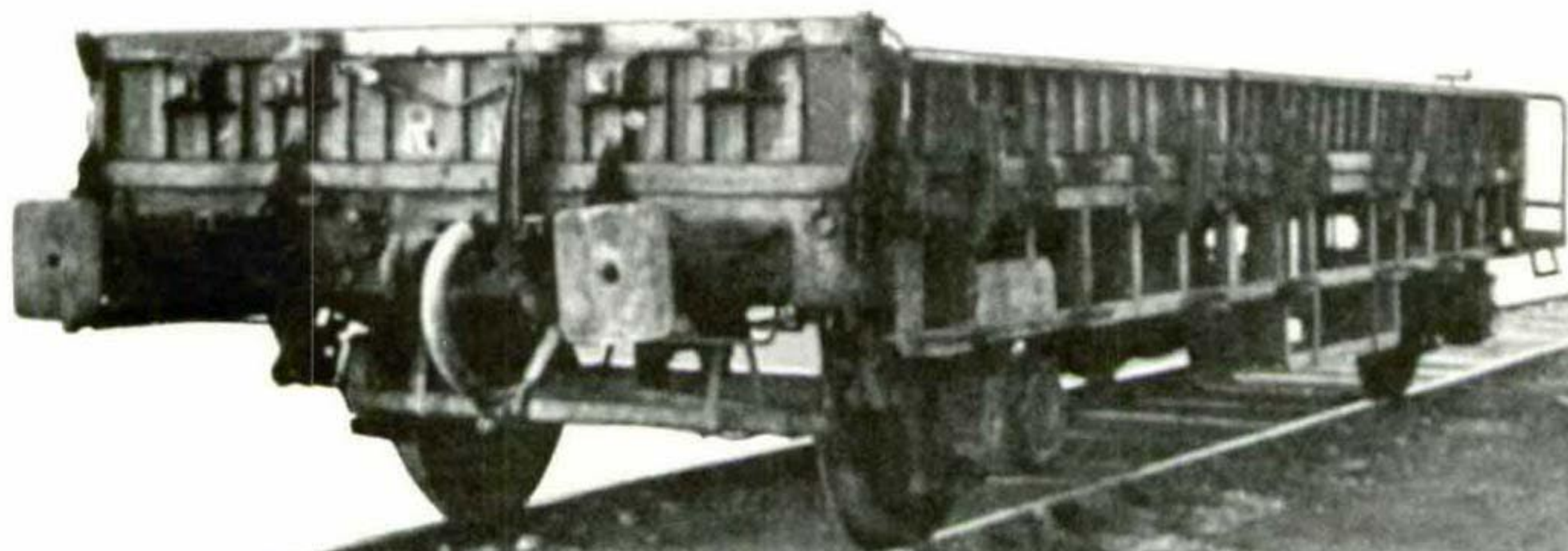
(NOTA: DEL 351.477 AL 351.601 TIENEN FVE)



SUPERFICIE _____ 22,796 m²
VOLUMEN APROX. _____
TARA _____ 11 Tm
CARGA MAX _____ 20 Tm
TECHO _____
VELOCIDAD TIPO _____ 70-80-80

***Plataforma,
serie M^{FV} 450.001 - 450.500***

vía libre

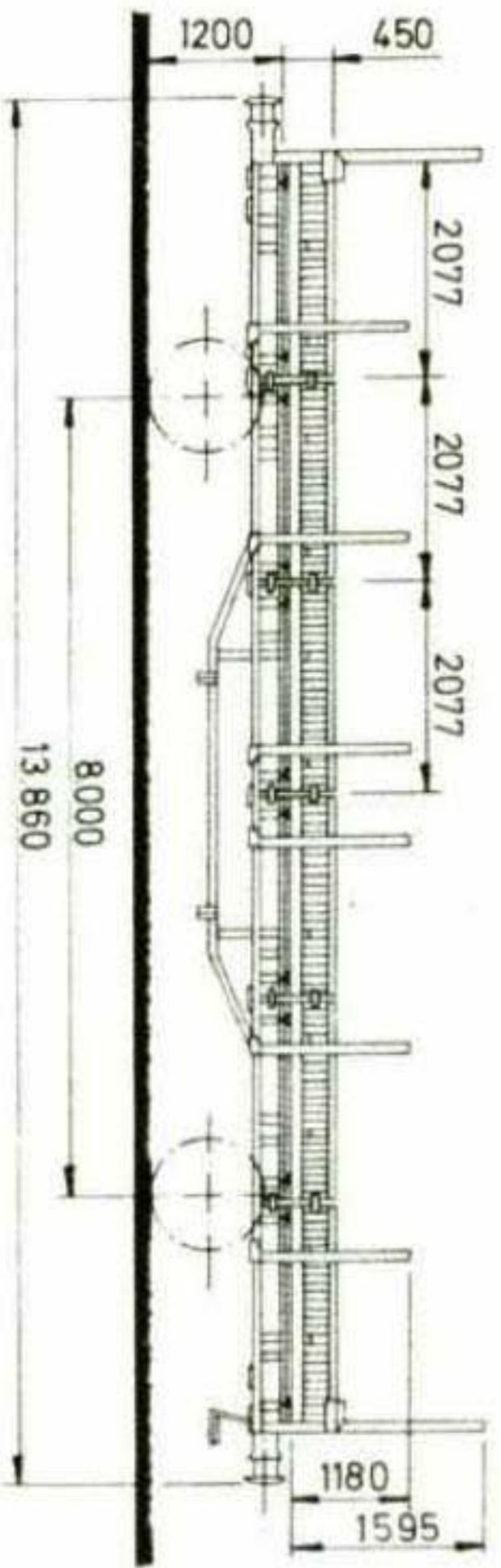


PLATAFORMAS

(TESTEROS Y COSTADOS ABATIBLES)
 (TELEROS ABATIBLES EN COSTADOS)
 (TELEROS DESMONTABLES EN TESTEROS)

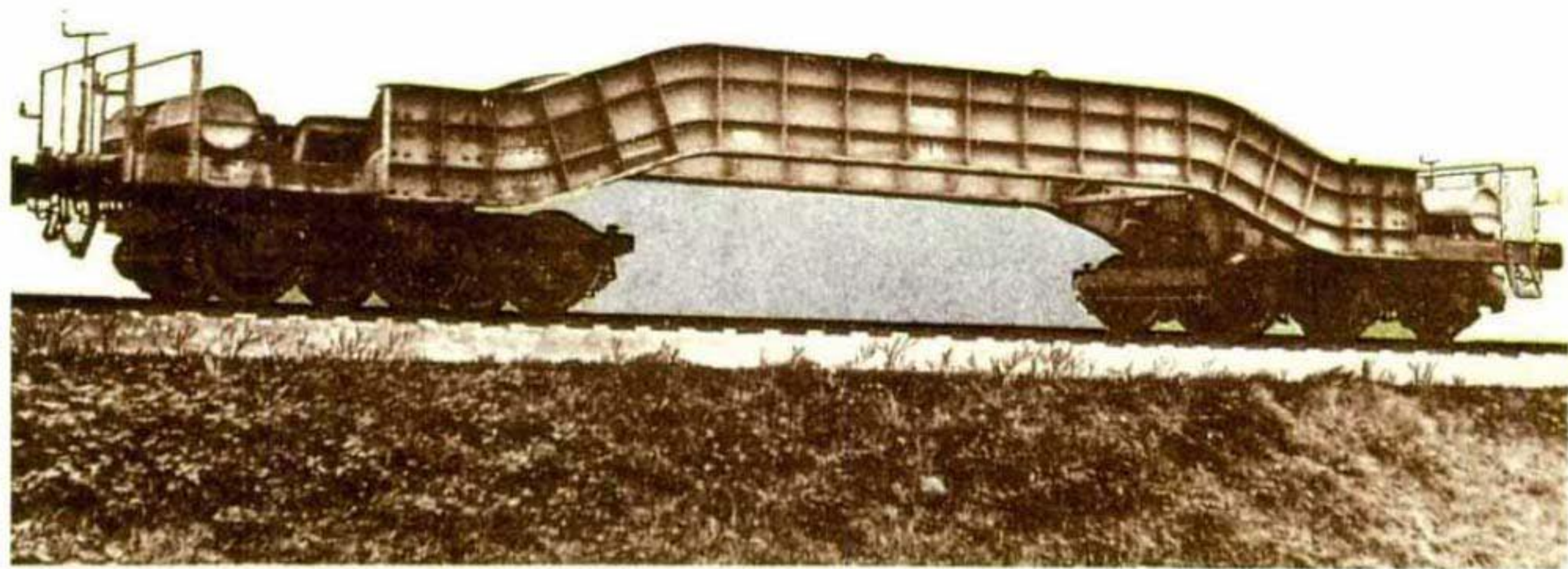
M^{FV} 450.001 - 450.500

MARCAJE U.I.C. Ks 21 71 330 0 000 - 21 71 330 0 499



SUPERFICIE _____ 34,625 m²
 VOLUMEN APROX. _____
 TARA _____ 12,500 Tm
 CARGA MAX. _____ 27500 Tm
 TECHO _____
 VELOCIDAD TIPO _____ 100-100

***Plataforma,
serie MMQ^{FHV} 250.519; 250.520; 250.522***



via libre

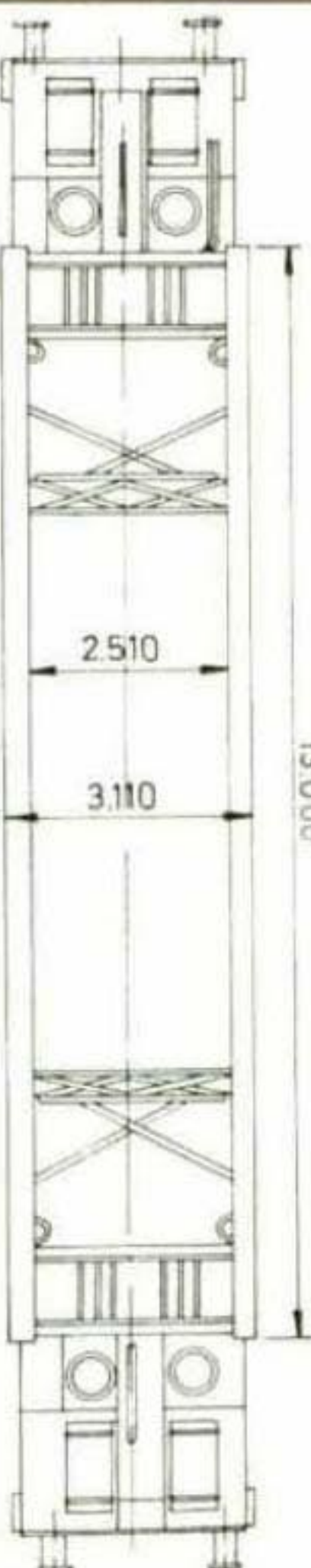
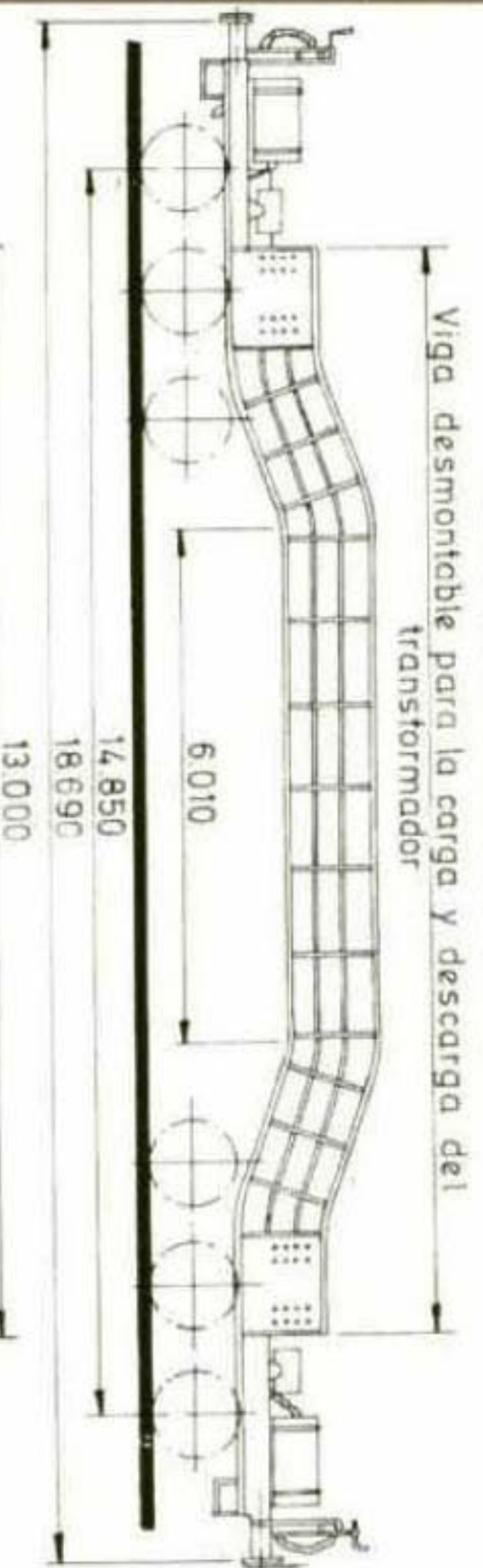
MM^{FHV} 250.519; 250.520; 250.522

MARCAJE U.I.C. Ua 31 71 920 0 000 ; 31 71 920 0 001 ;
31 71 920 0 003

CARGAS MAXIMAS ADMISIBLES

VALORES DE X EN mt. VALORES DE C EN tn.

X	0	1	2	3	4	5	6,010
C	49,2	51,4	53,8	56,4	59,2	62,4	66



SUPERFICIE _____ 18,69 m²

VOLUMEN APROX. _____

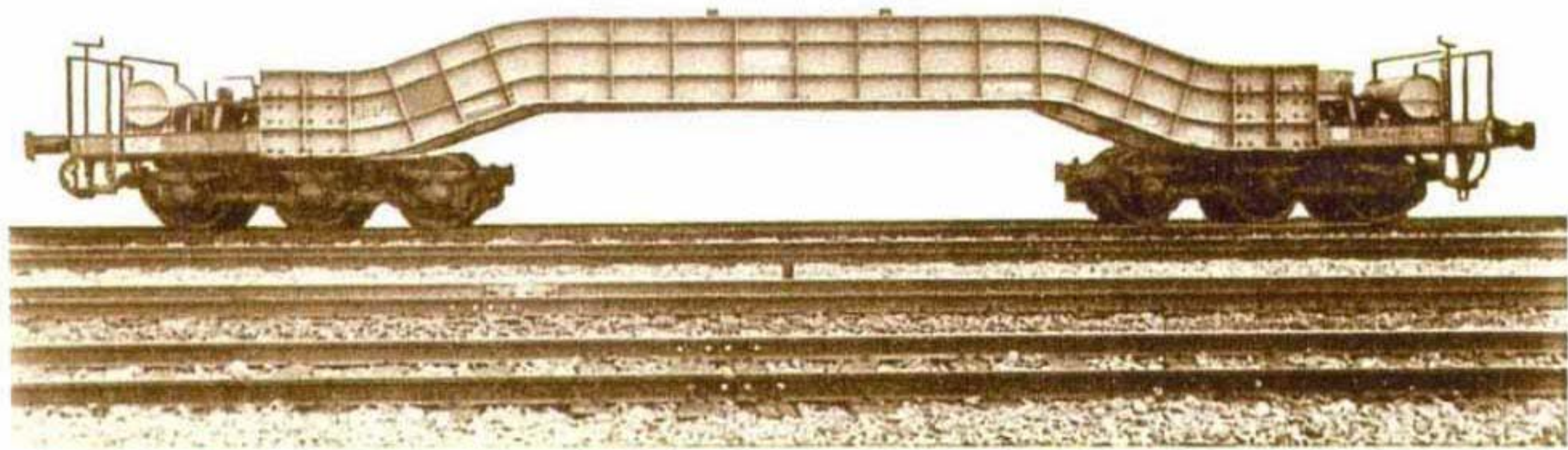
TARA _____ 35 Tm

CARGA MAX. _____ 66 Tm

TECHO _____

VELOCIDAD TIPO _____ 50-60-60

*Plataforma,
serie MM^{FHV} 250.521*



PLATAFORMAS

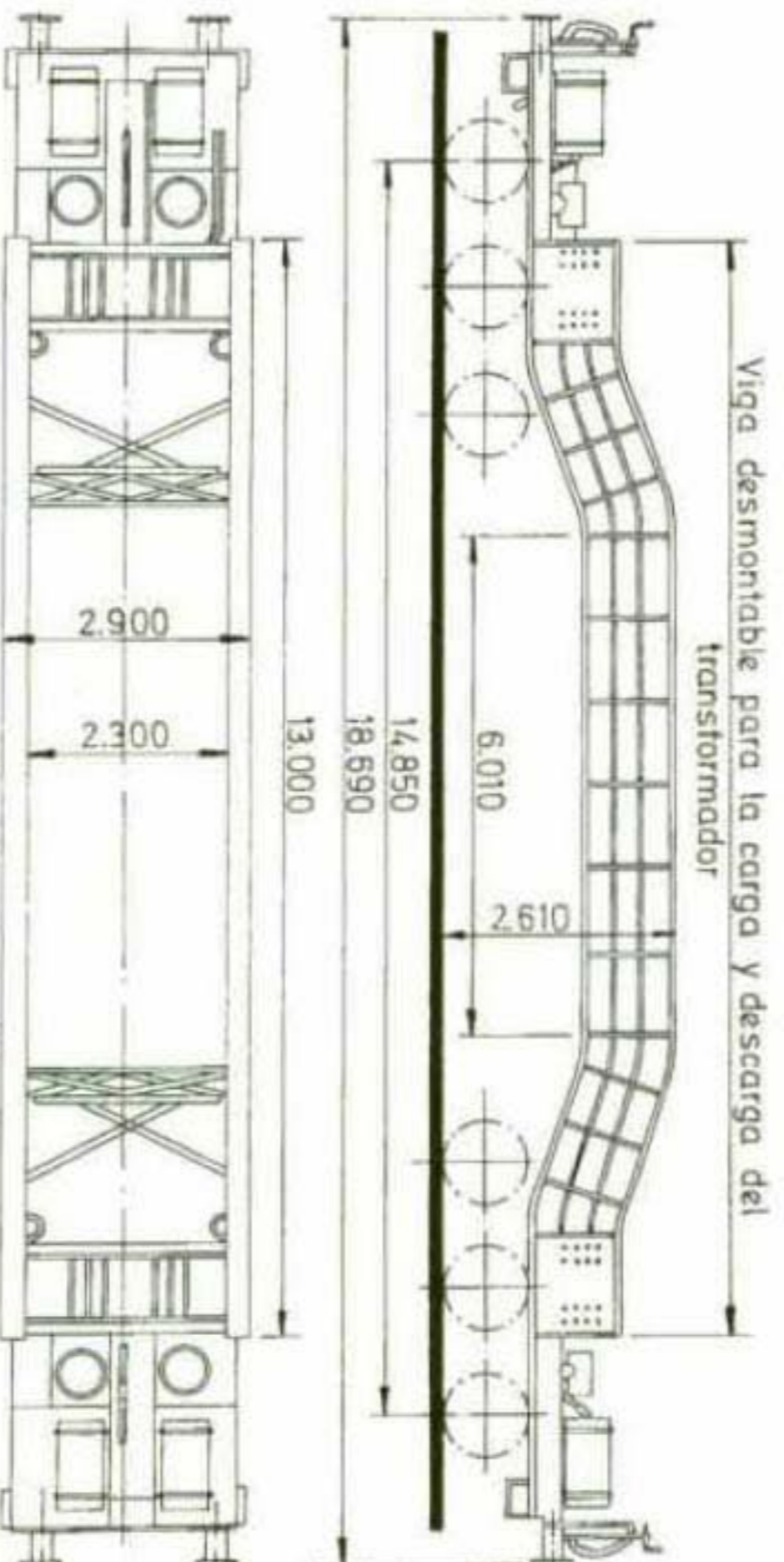
MM^{FHV} 250.521

MARCAJE U.I.C. Ua 31 71 920 0 002

CARGAS MAXIMAS ADMISIBLES

VALORES DE X EN mt. VALORES DE C EN tn.

X	0	1	2	3	4	5	6,010
C	49,2	51,4	53,8	56,4	59,2	62,4	66



SUPERFICIE _____ 17,42 m²

VOLUMEN APROX _____

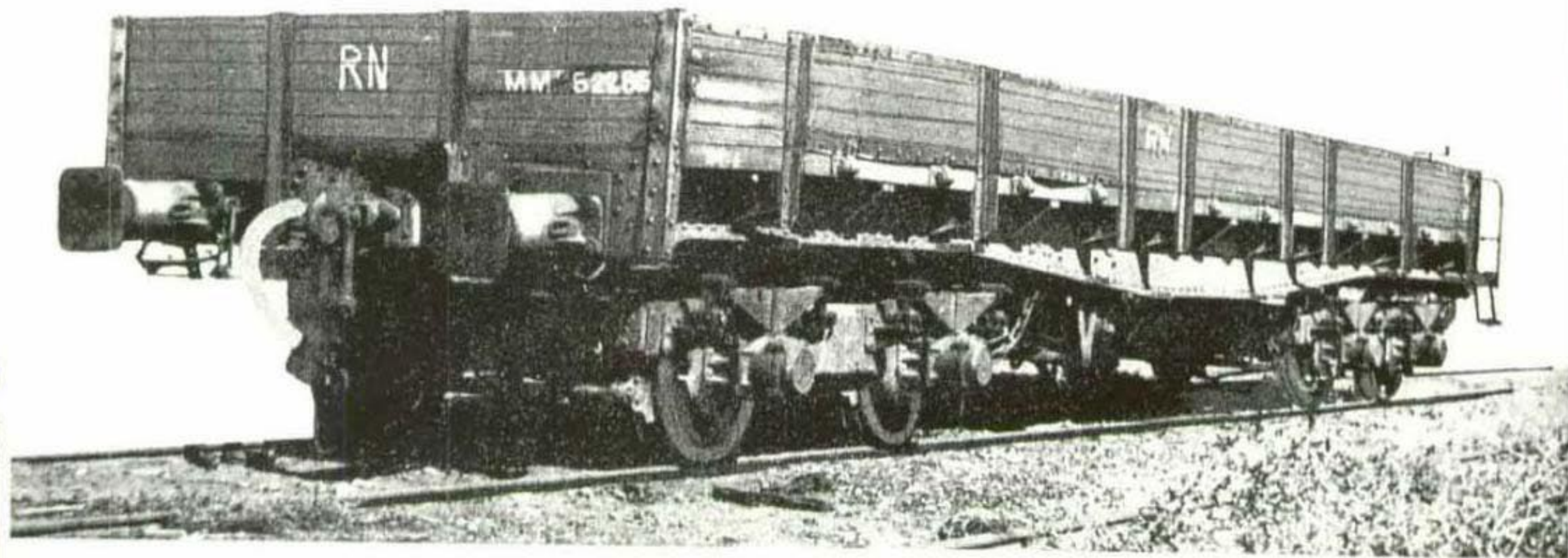
TARA _____ 35 Tm.

CARGA MAX. _____ 66 Tm.

TECHO _____

VELOCIDAD TIPO _____ 50-60-60

***Plataforma,
serie MM^{FHV} 52.284 - 52.287***

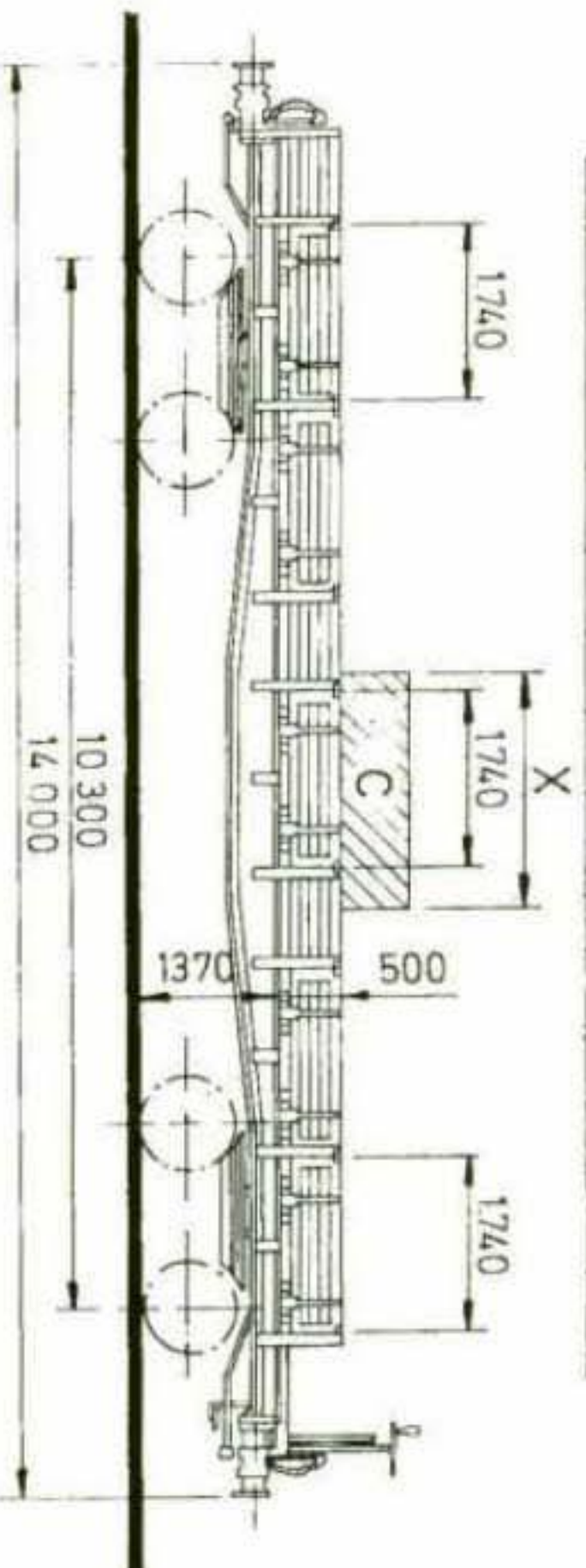


MM^{FHV} 52.284 - 52.287

MARCAJE UIC Rkmm 21 71 325 0 000 - 21 71 325 0 003

CARGAS MAXIMAS ADMISIBLES

VALORES DE X EN mt.			VALORES DE C EN tn											
X	0	1	2	3	4	5	6	7	8	9	10	11	11,5	12
C	19	20	22	23	25	27	30	33	35	35	35	35	35	35



SUPERFICIE _____ 3,396 m²

VOLUMEN APROX. _____ 16,980 m³

TARA _____ 24,500 Tm

CARGA MAX. _____ 35 Tm.

TECHO _____

VELOCIDAD TIPO _____ 100 - 100

Plataforma,

serie MM^{FV} 52.249 - 52.263



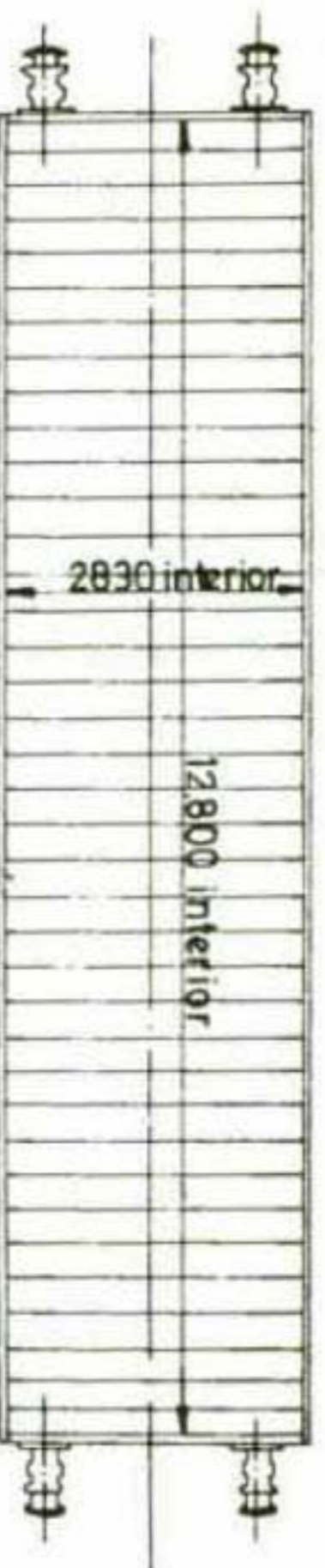
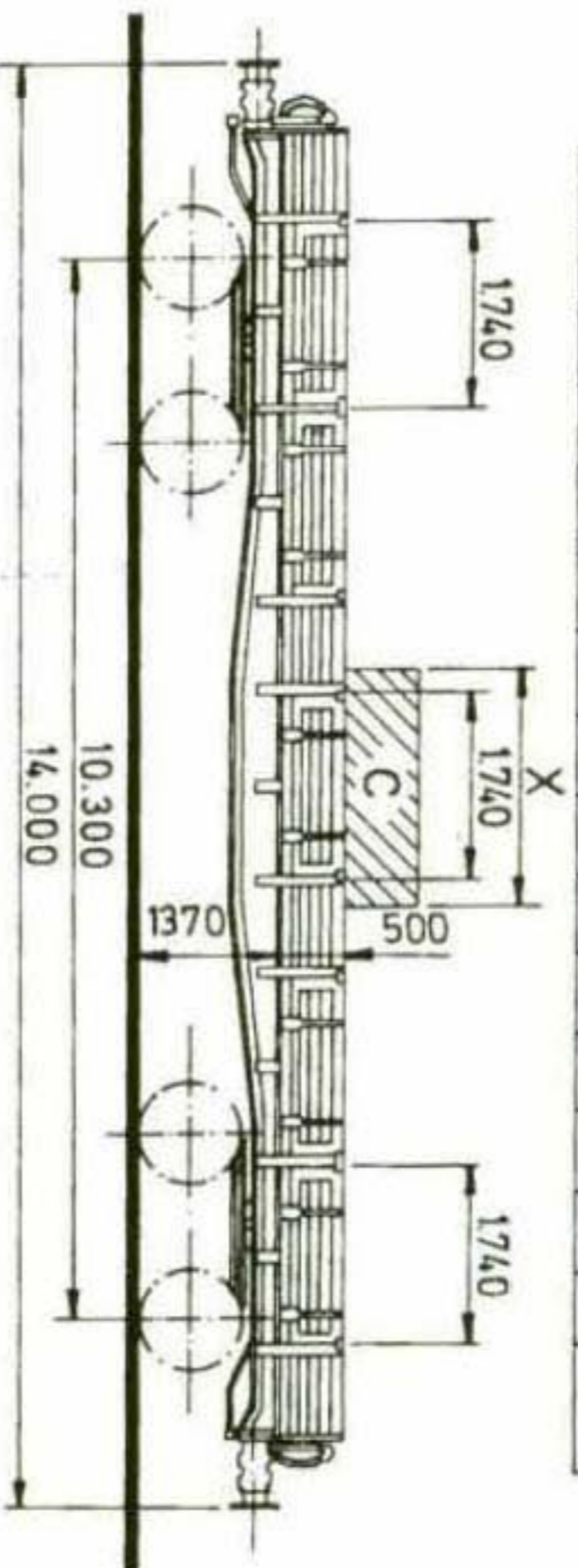
via più

MM^{FV} 52.249 - 52.263

MARCAJE U.I.C. Rklmmo 21 71 388 9 000 - 21 71 388 9 014

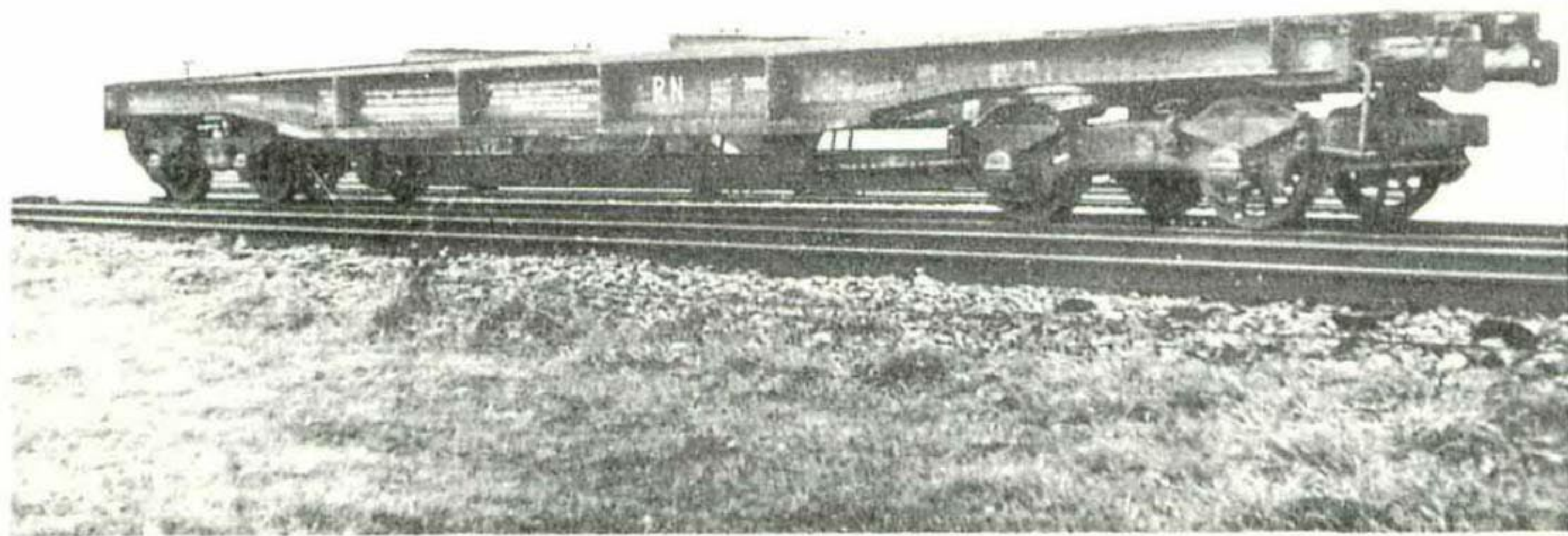
CARGAS MAXIMAS ADMISIBLES

VALORES DE X EN mt.			VALORES DE C EN tn.												
X	0	1	2	3	4	5	6	7	8	9	10	11	11,5	12	12,80
C	19	20	22	23	25	27	30	33	35	35	35	35	35	35	35



- SUPERFICIE _____ 36,224 m²
- VOLUMEN APPROX. _____ 18,112 m³
- TARA _____ 22,100 - 24,000 Tm
- CARGA MAX. _____ 35 Tm.
- TECHO _____
- VELOCIDAD _____ 100-100

***Góndola,
serie MMG^{FH} 70.000***



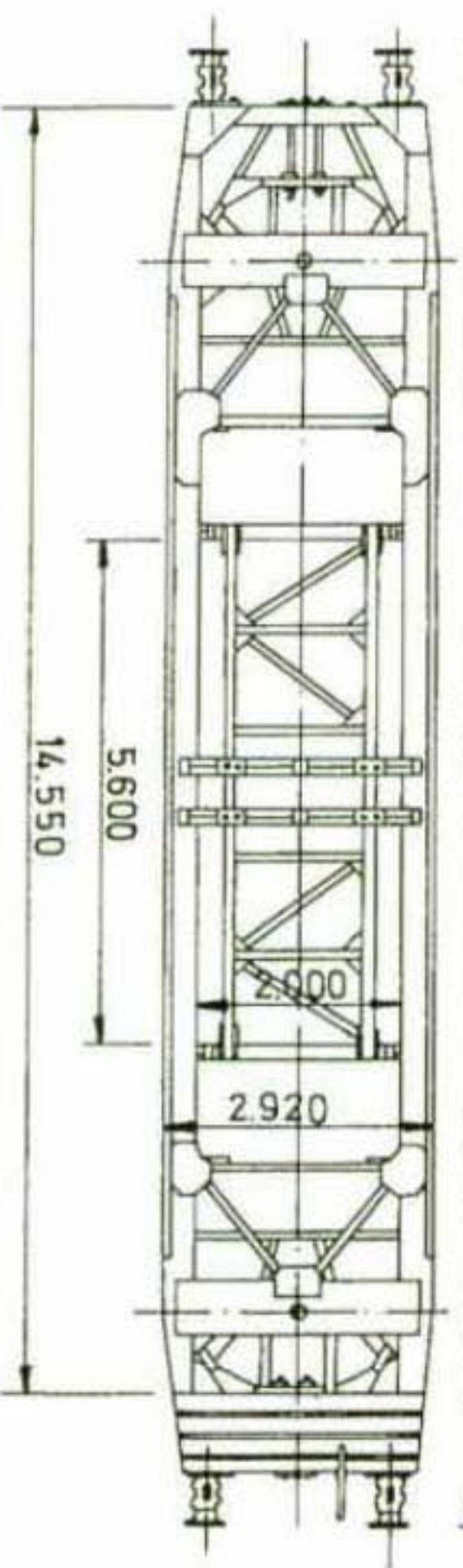
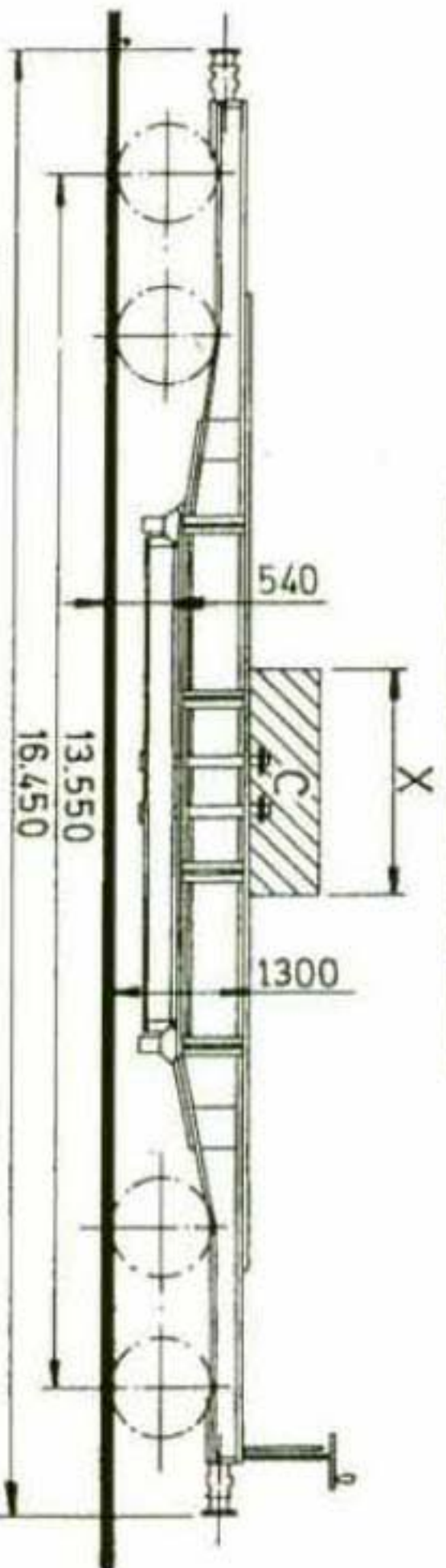
MMG^{FH} 70.000

MARCAJE U.I.C. Uaik 21 71 929 7 000

CARGAS MAXIMAS ADMISIBLES

VALORES DE X EN mt. VALORES DE C EN tn.

X	0	1	2	3	4	5,600
C	18	19,4	20,6	22,2	23,6	25



SUPERFICIE _____ 16,352 m²

VOLUMEN APROX. _____

TARA _____ 20,500 Tm.

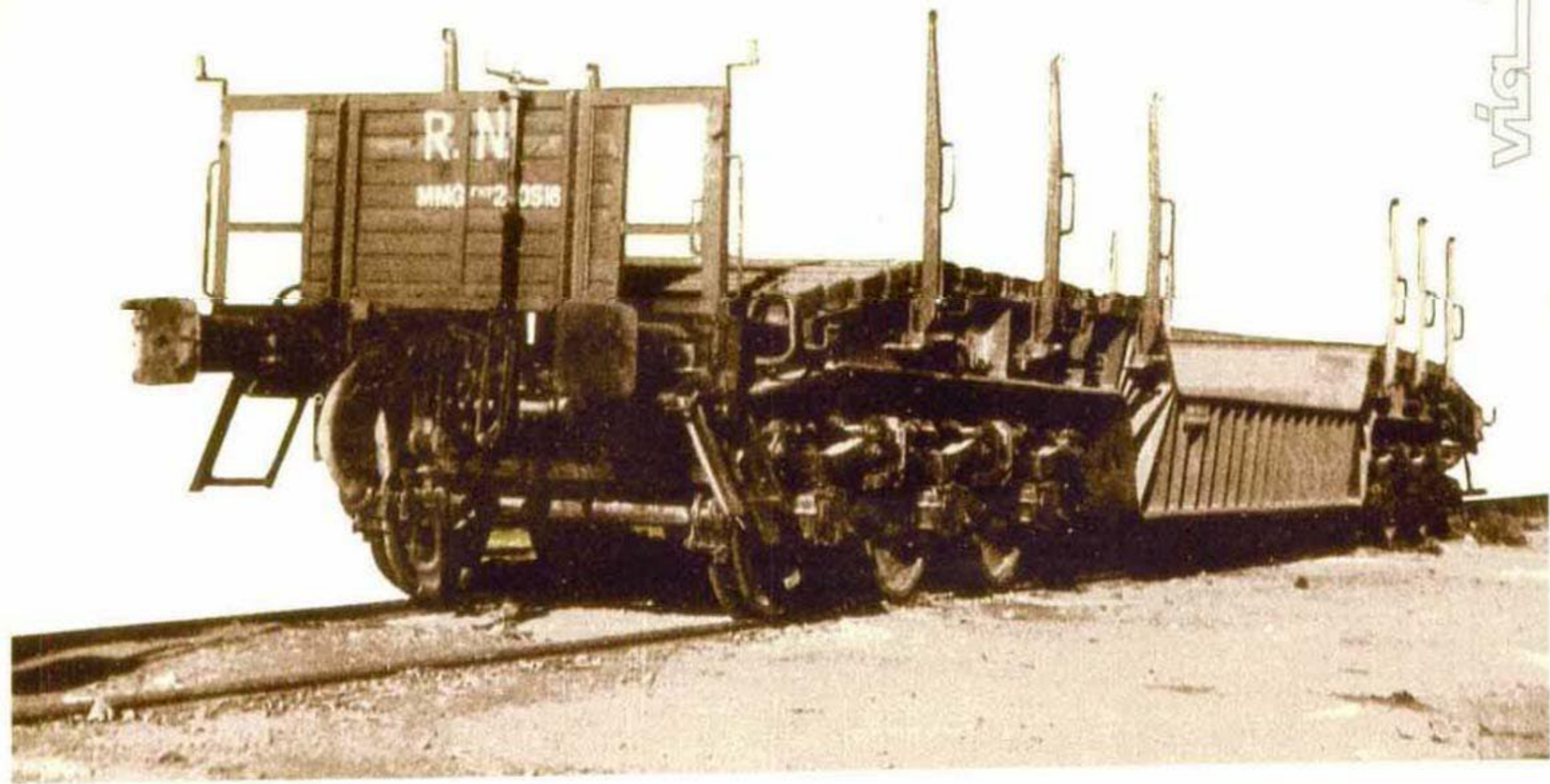
CARGA MAX. _____ 25 Tm.

TECHO _____

VELOCIDAD TIPO _____ 50 - 60 - 60

Góndola,

serie MMG^{FHV} 250.501 - 250.517



VÍGA LÍFÖRE

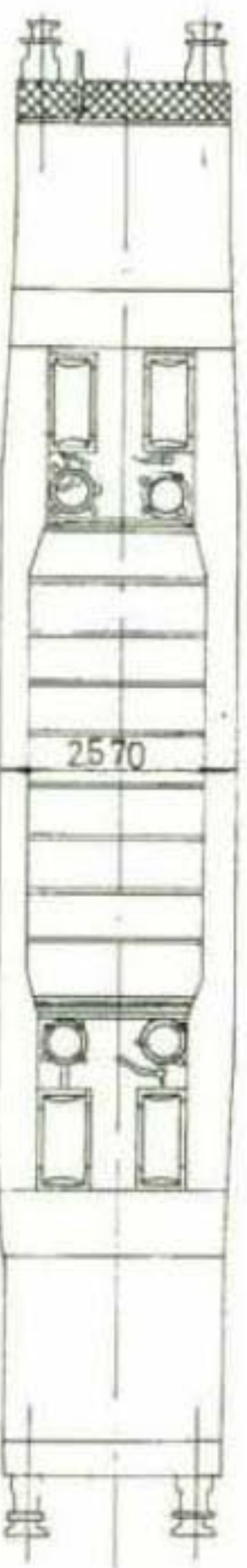
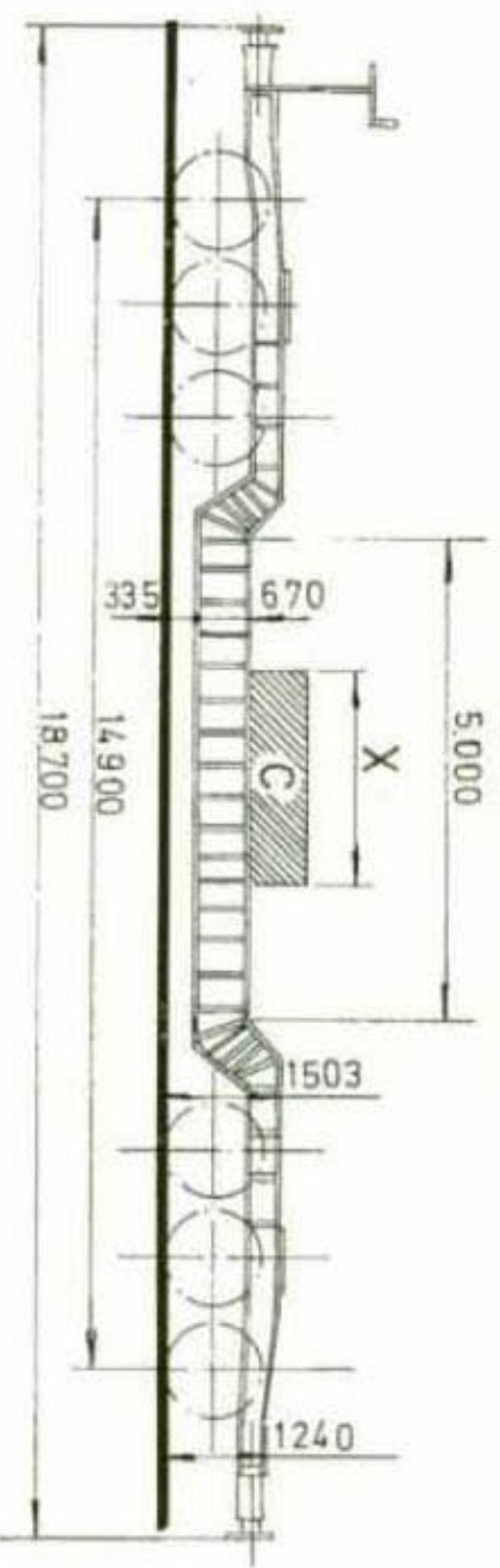
GONDOLAS

MMG^{FHV} 250.501 - 250.518

MARCAJE U.I.C. Uai 31 71 929 00000 - 31 71 929 0 017

VALORES DE X EN mt. VALORES DE C EN tn.

X	0	1	2	3	4	5
C	4,07	42,8	44,8	4,7	4,93	52



SUPERFICIE _____ 12,85 m²

VOLUMEN APROX. _____

TARA _____ 34 Tm.

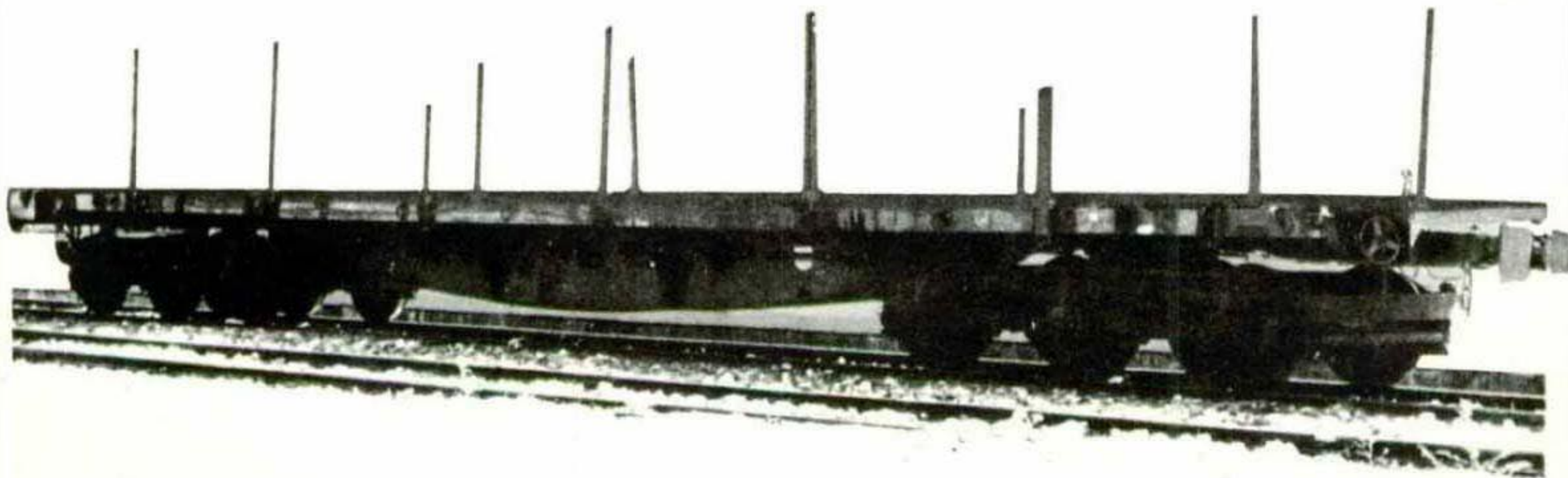
CARGA MAX. _____ 52 Tm.

TECHO _____

VELOCIDAD TIPO _____ 100-100

*Plataforma,
serie MMQ^{FEIV} 250.029*

vial_lilore



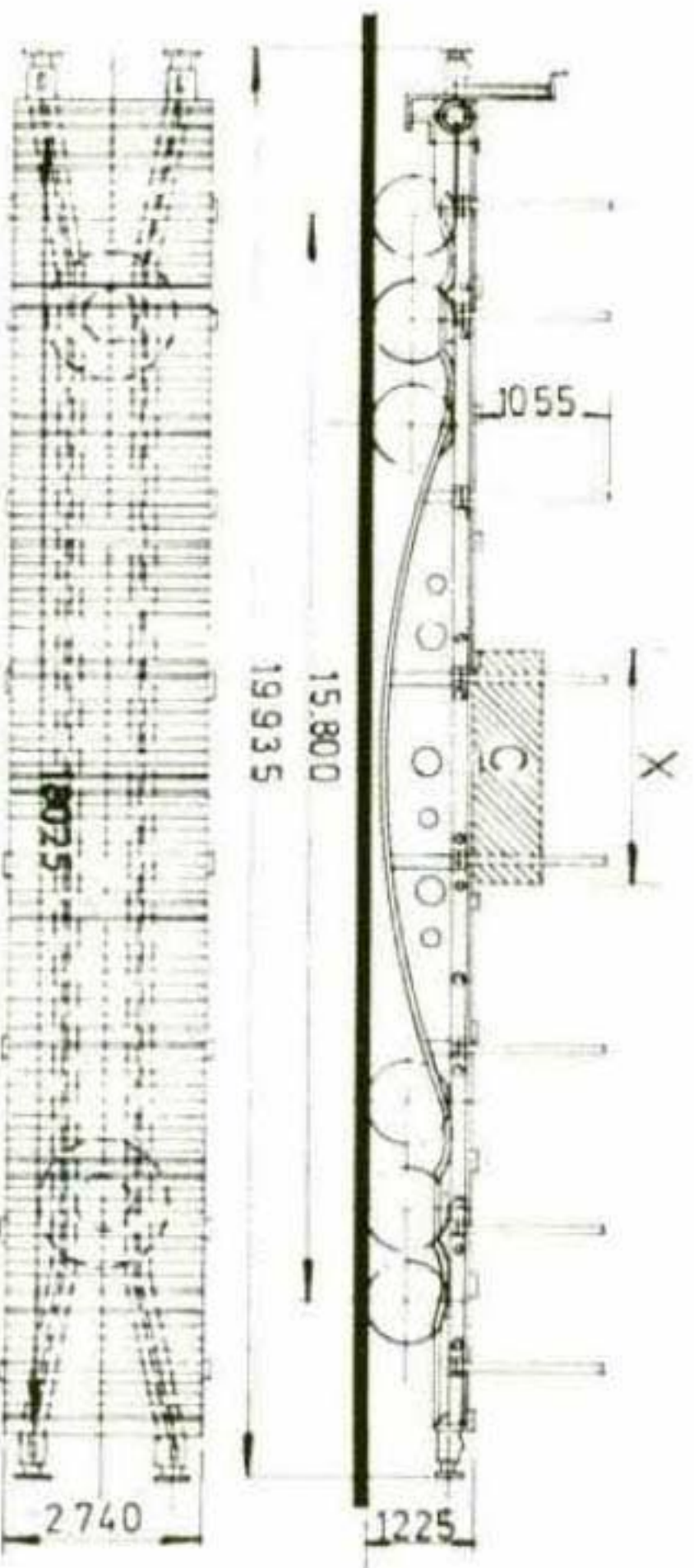
PLATAFORMAS

MMQ^{FEIV} 250.029

MARCAJE UIC Sap 31 71 482 8 000

CARGAS MAXIMAS ADMISIBLES

VALORES DE X EN mt.					VALORES DE C EN tn.															
X	1	2	3	4	5	6	7	8	9	10	11	11.5	12	13	14	15	16	17	18	25
C	24	25	26	27	29	30	32	33	35	37	40	42	44	46	49	54	59	65	72	75



NOTA ESTE VAGON CARGA 75 Tm. EN TRENES DE VELOCIDAD REDUCIDA Y CON CARGAMENTOS ESPECIALES, DE NO SER ASI CARGA SOLO 42 Tm.

SUPERFICIE _____ 51,44 m²

VOLUMEN APROX. _____

TARA _____ 21,330 Tm

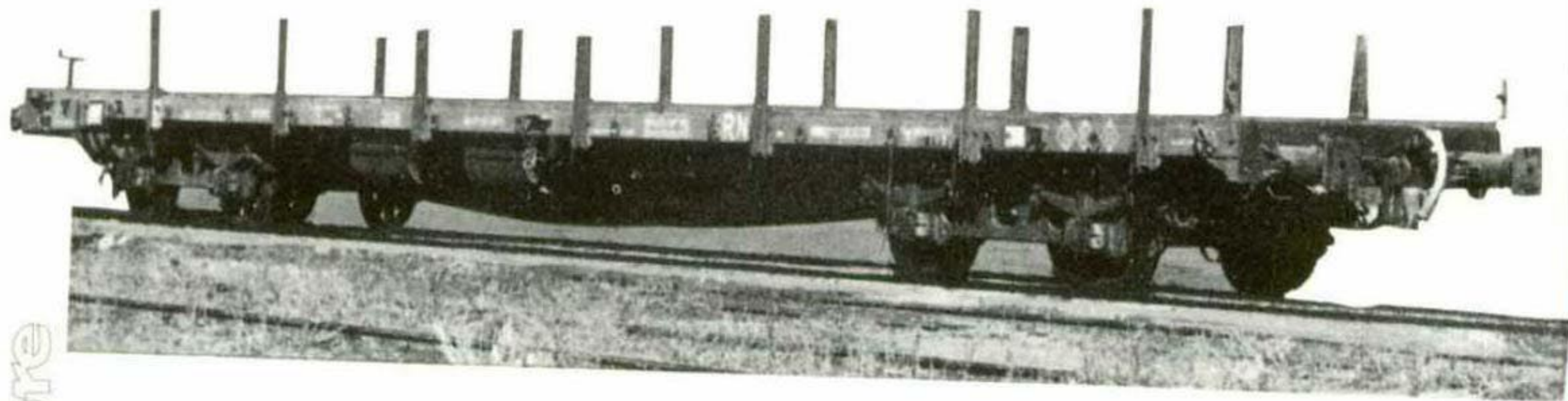
CARGA MAX. _____ 75 Tm.

TECHO _____

VELOCIDAD TIPO _____ 50-60-60

Plataforma,

serie MMQ^{FHIV} 250.026; 250.028
250.030; 250.033



PLATAFORMAS



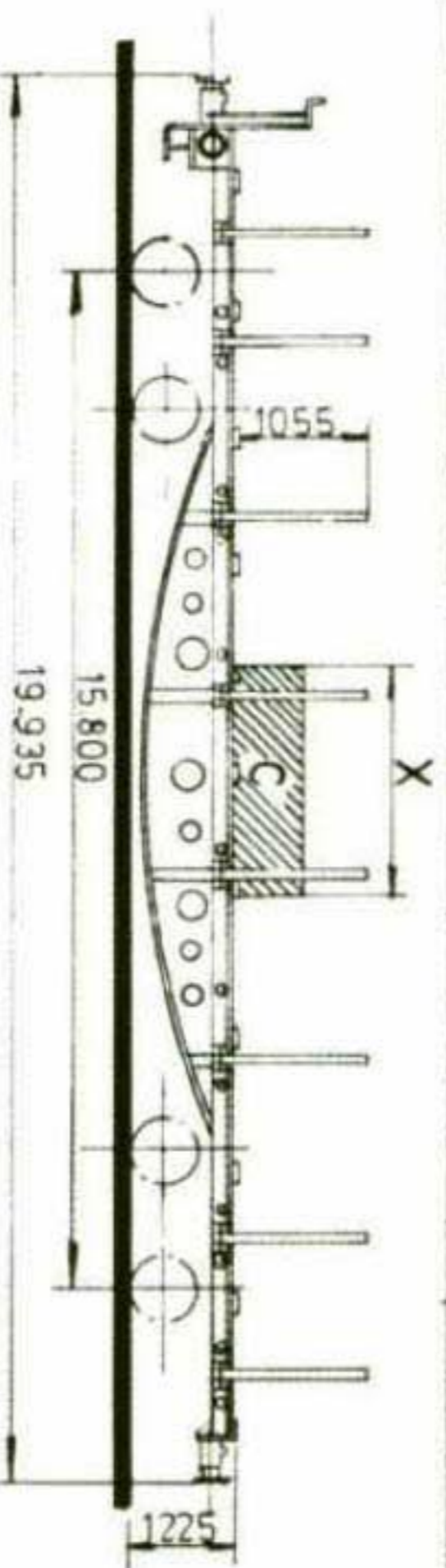
MMQTM 250.026; 250.028; 250.030; 250.033

MARCAJE UIC: Rp 31 71 382 0 000; 31 71 382 0 002;

31 71 382 0 003; 31 71 382 0 006

CARGAS MAXIMAS ADMISIBLES

VALORES DE X EN mt.										VALORES DE C EN tn.											
X	0	1	2	3	4	5	6	7	8	9	10	11	11,5	12	13	14	15	16	17	18,25	
C	23	24	25	26	27	28	30	31	33	36	37	4,0	4,1	4,2	4,2	4,2	4,2	4,2	4,2	4,2	4,2



SUPERFICIE _____ 51,44 m²

VOLUMEN APROX. _____

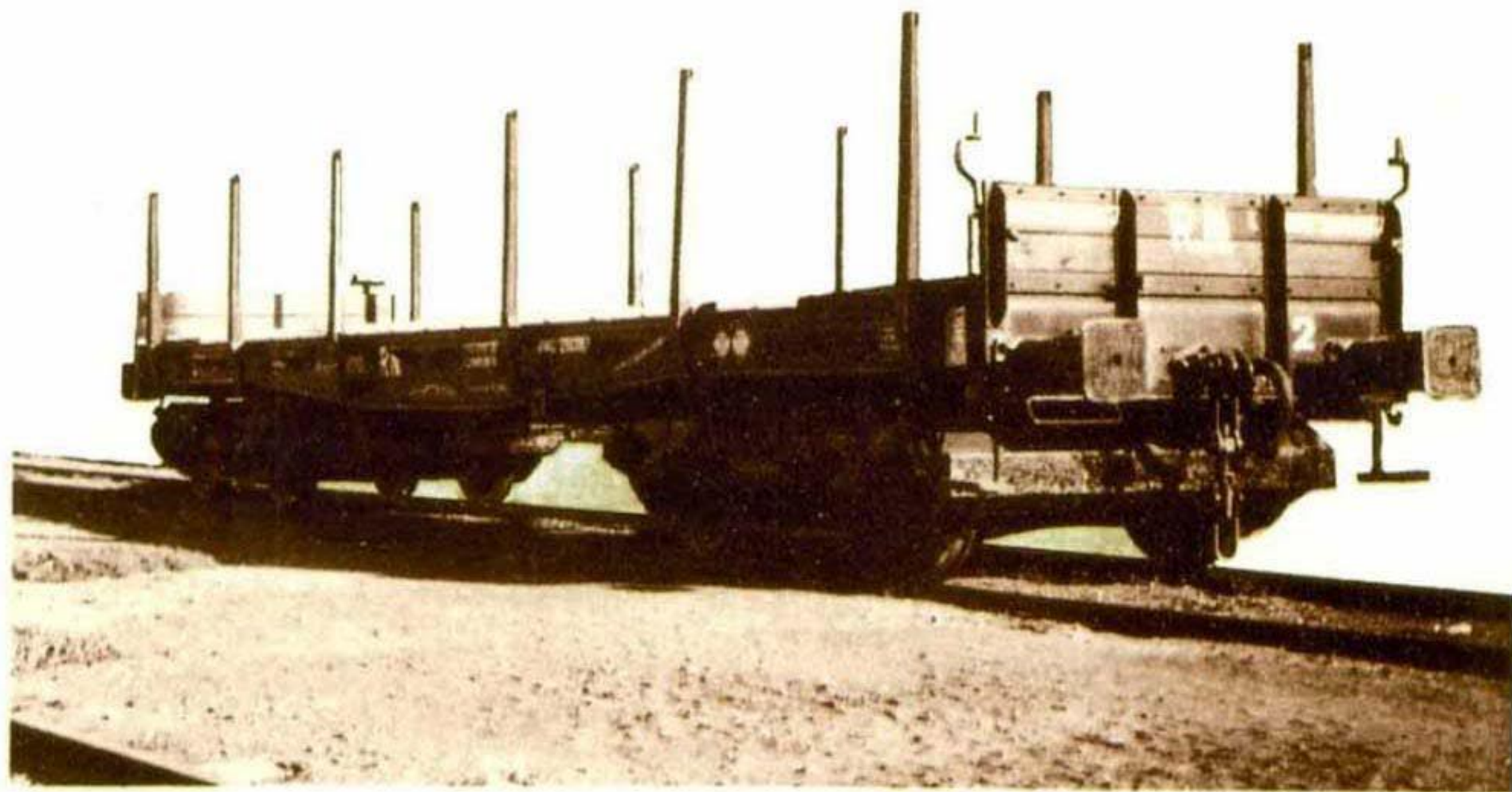
TARA _____ 21,330 Tm.

CARGA MAX _____ 42 Tm.

TECHO _____

VELOCIDAD TIPO _____ 50 - 60

*Plataforma,
serie MMQ^{FHV} 250.271 - 250.293*

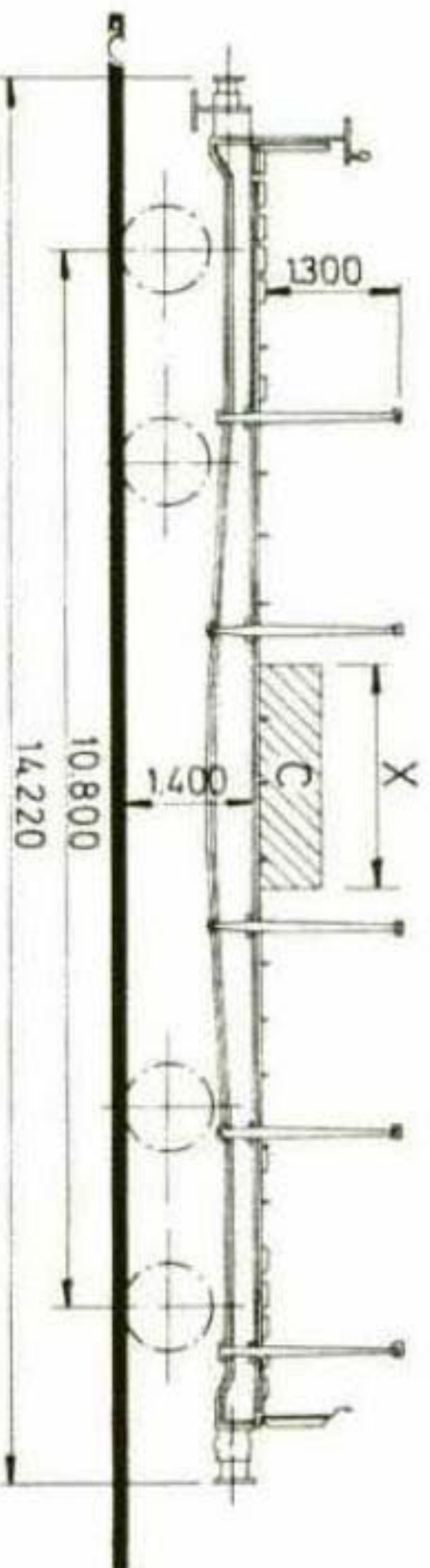


via ilmore

MMQ^{FHV} 250 . 271 - 250 . 293

CARGAS MAXIMAS ADMISIBLES

VALORES DE X EN mt.			VALORES DE C EN tn.												
X	0	1	2	3	4	5	6	7	8	9	10	11	11,5	12	12,750
C	14	14,8	15,7	16,8	18	19,5	21	23	25,6	28,5	32	37	41	45	45



SUPERFICIE _____ 38,87 m²

VOLUMEN APROX. _____

TARA _____ 22,510 Tm.

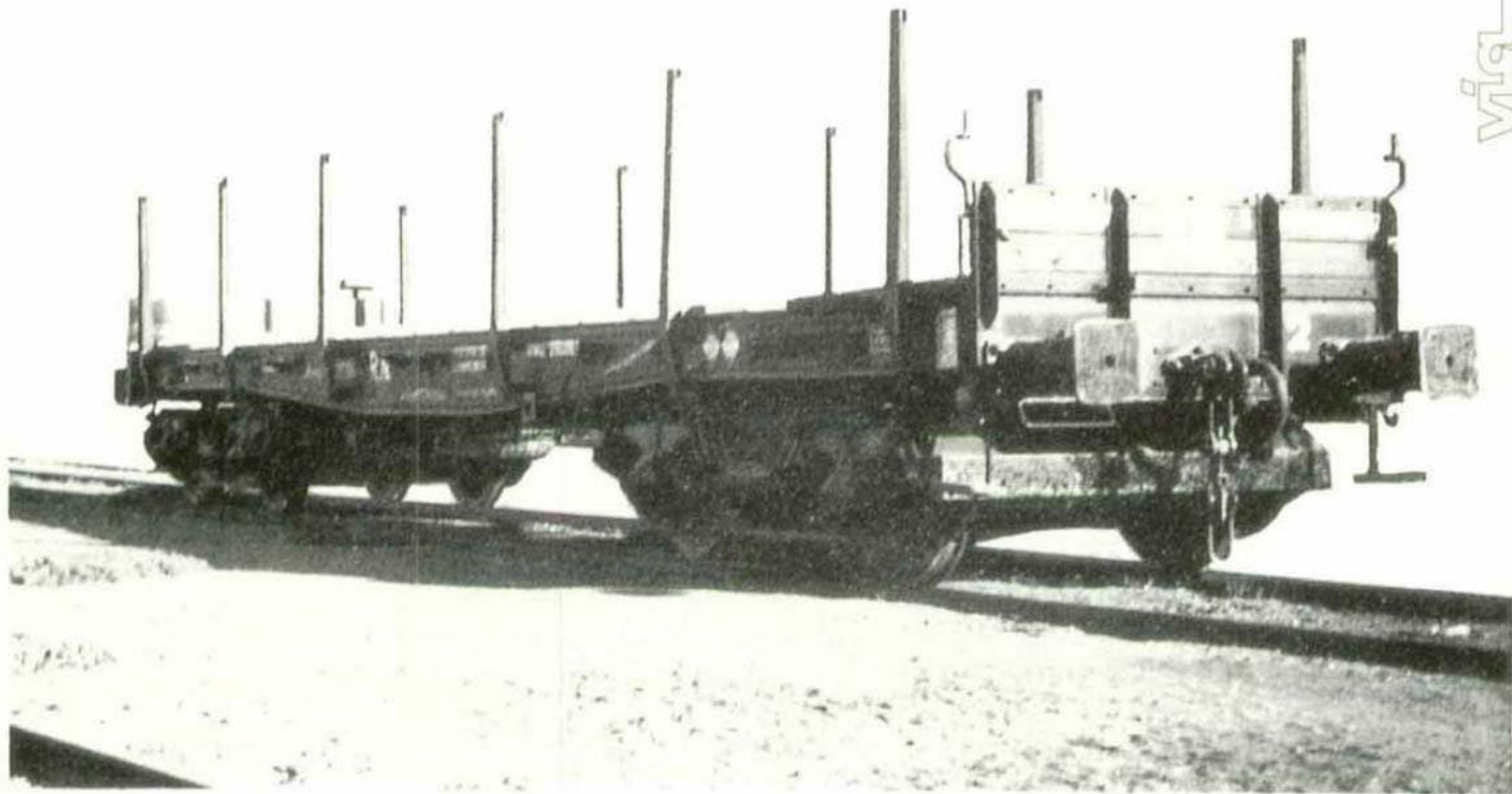
CARGA MAX. _____ 45 Tm.

TECHO _____

VELOCIDAD TIPO _____ 100 - 100

*Plataforma,
serie MMQ^{FHV} 250.271 - 250.293*

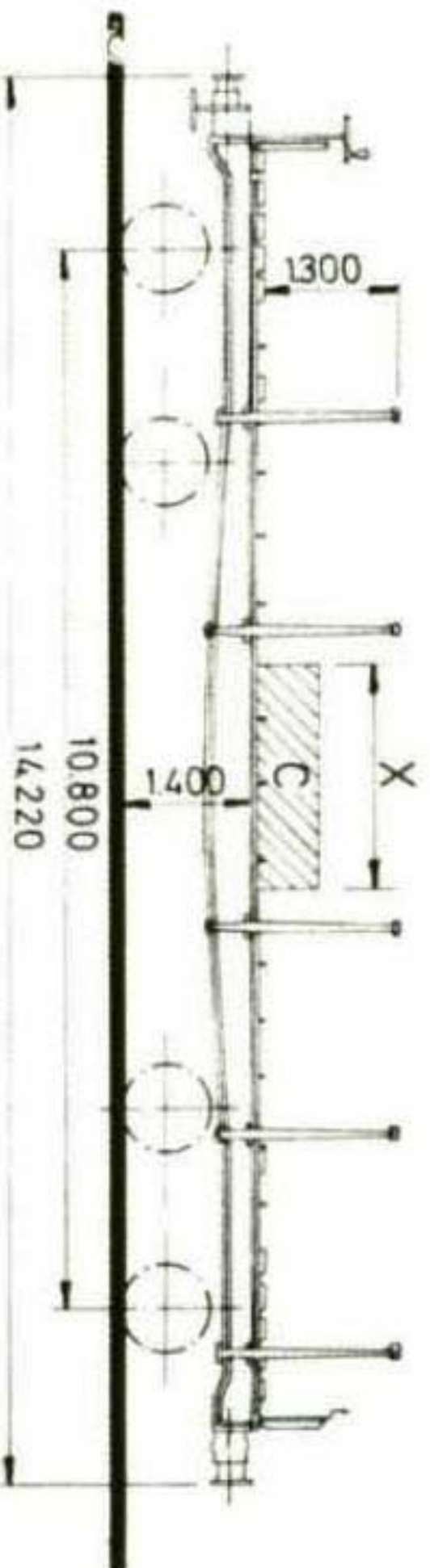
via ilmore



MMQ^{FHV} 250.271 - 250.293

CARGAS MAXIMAS ADMISIBLES

VALORES DE X EN mt.		VALORES DE C EN tn.	
X	0 1 2 3 4 5 6 7 8 9 10 11 11,5 12 12,750	C	14 14,8 15,7 16,8 18 19,5 21 23 25,6 28,5 32 37 41 45 45



SUPERFICIE _____ 38,87 m²

VOLUMEN APROX _____

TARA _____ 22,510 Tm.

CARGA MAX. _____ 45 Tm.

TECHO _____

VELOCIDAD TIPO _____ 100 - 100

***Plataforma,
serie MMQ^{FHV} 52.264 - 52.282***

viajare



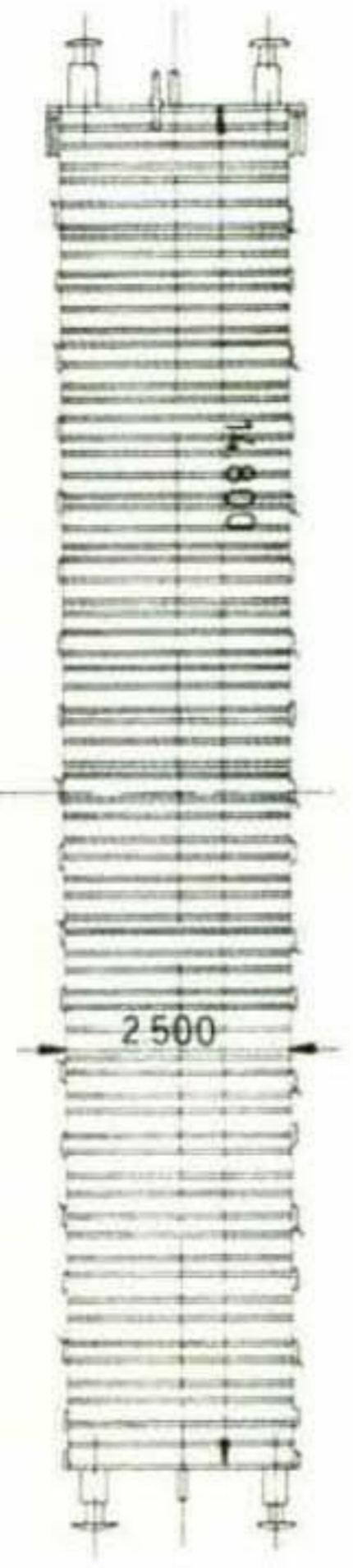
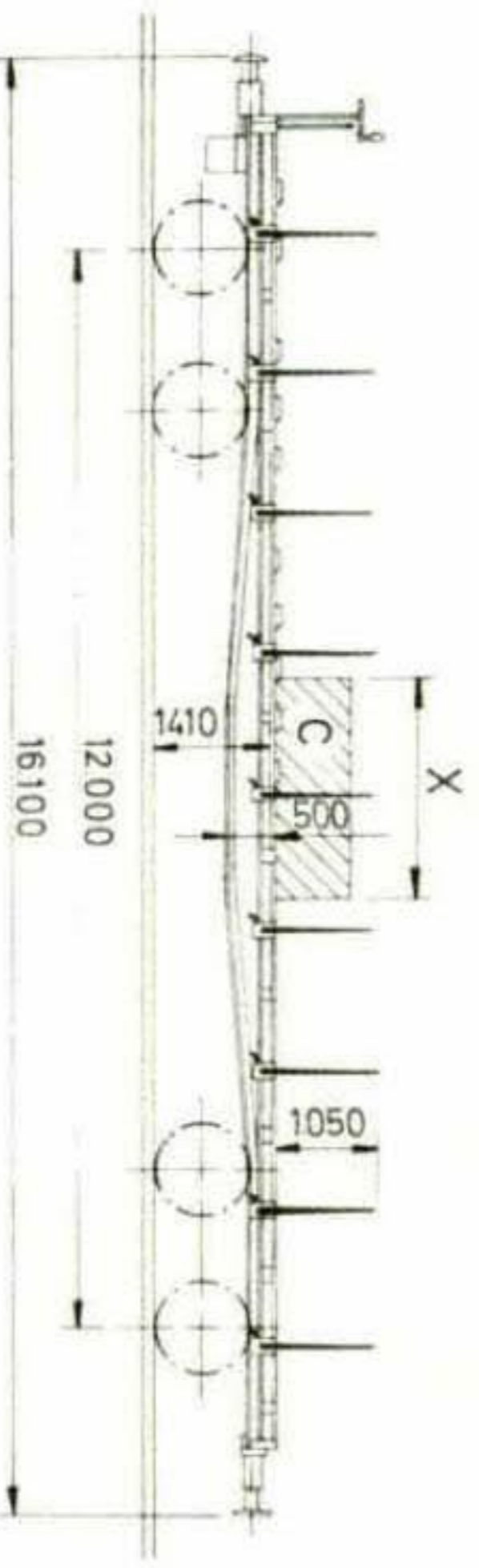
PLATAFORMAS (TELEROS ABATIBLES)

MMQ^{FHIV} 52.264 - 52.282

MARCAJE UIC Rmmp 31 71 387 0 000 - 31 71 387 0 017

CARGAS MAXIMAS ADMISIBLES

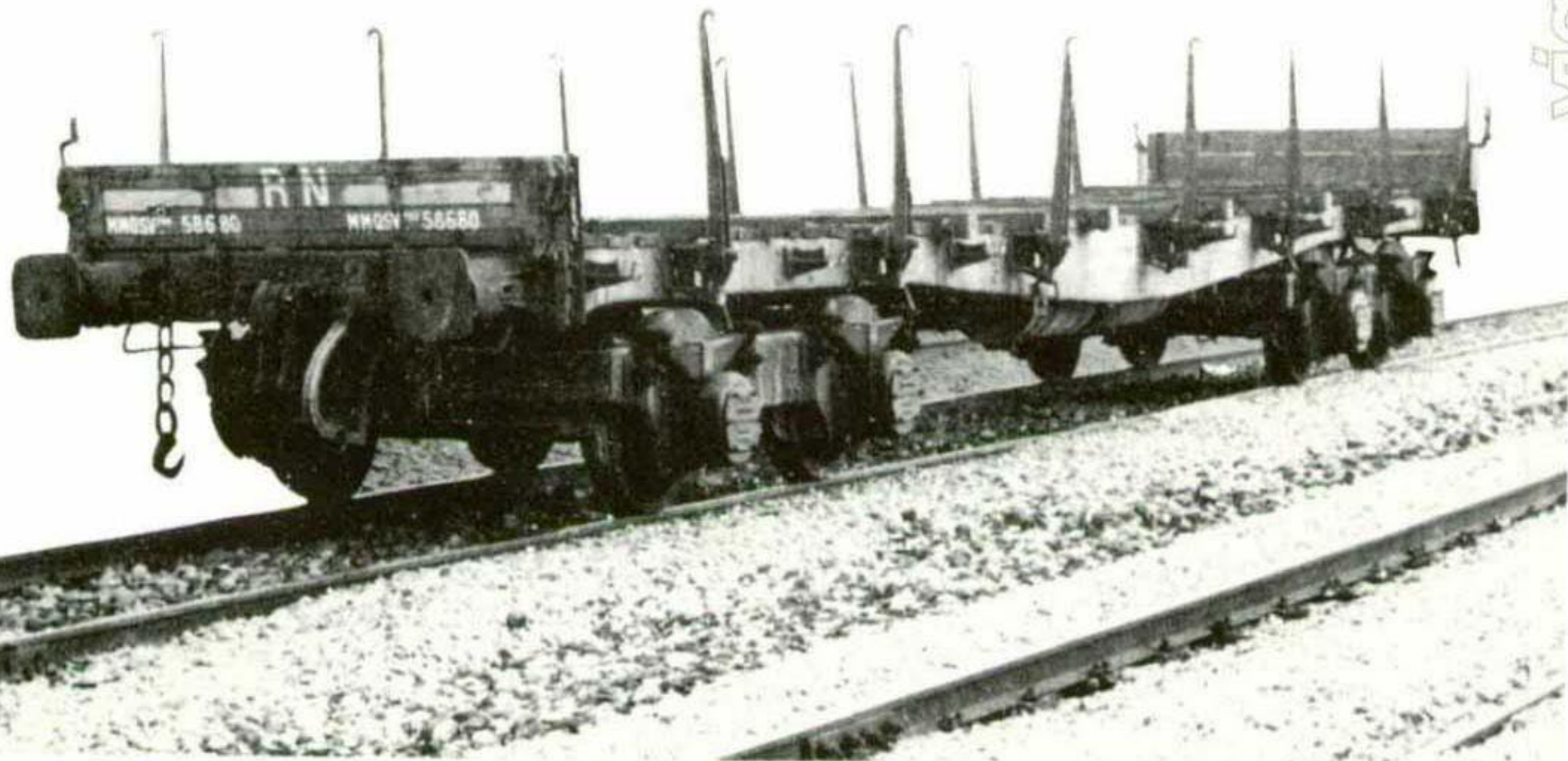
VALORES DE X EN mt.			VALORES DE C EN tn.													
X	0	1	2	3	4	5	6	7	8	9	10	11	11,5	12	13	14,800
C	21	22	23	24	26	28	30	32	34	37	4,0	4,0	4,0	4,0	4,0	4,0



- SUPERFICIE _____ 37,00 m²
- VOLUMEN APROX. _____
- TARA _____ 18 Tm.
- CARGA MAX. _____ 40 Tm.
- TECHO _____
- VELOCIDAD TIPO _____ 70 - 80 - 80

*Plataforma,
serie MMQ^{FHV} 58.660 - 58.703*

visgalltore



PLATAFORMAS (TELEROS ABATIBLES)

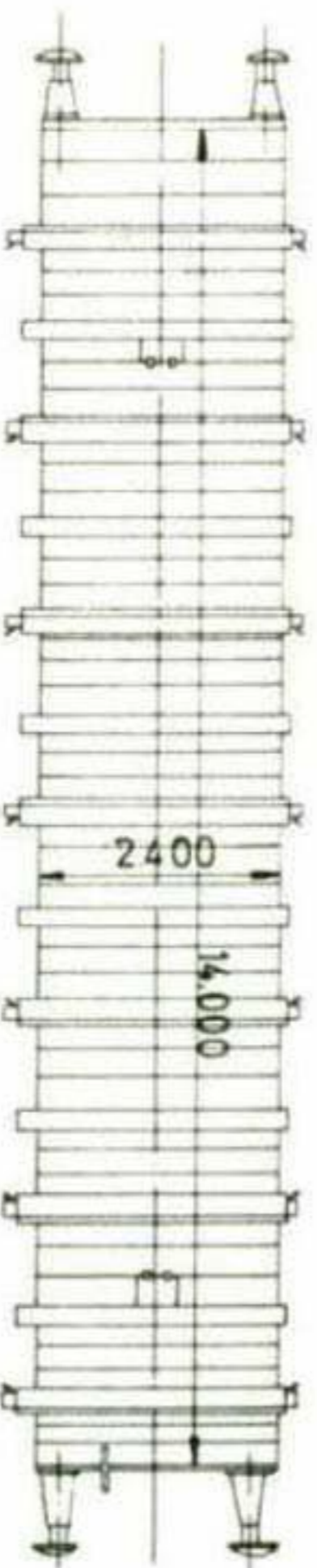
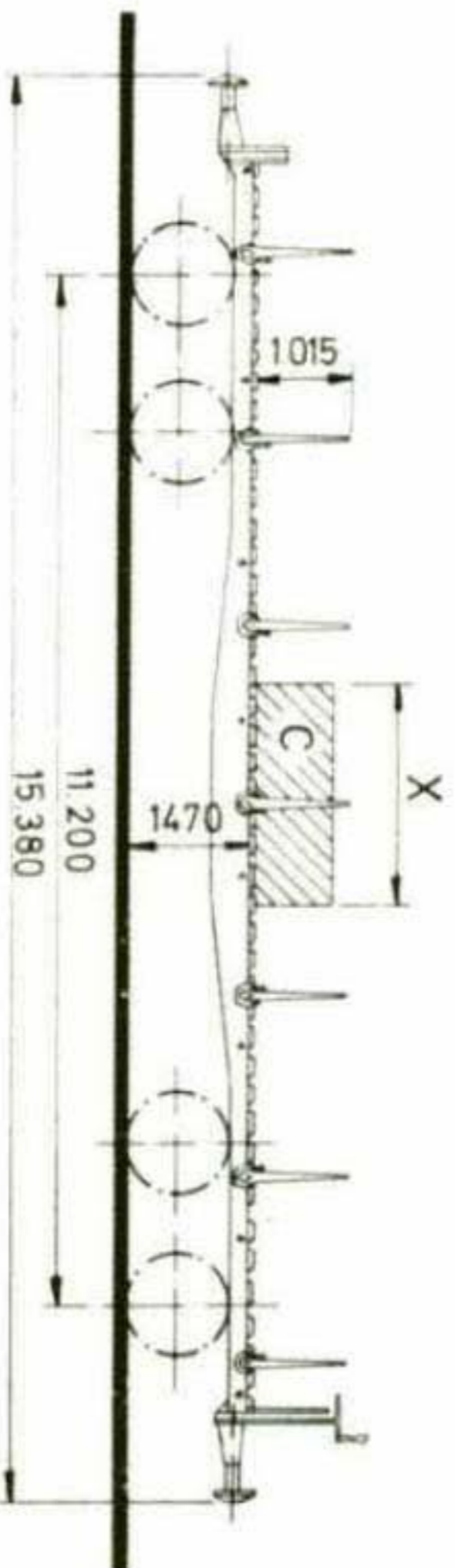


MMQ^{FHV} 58.660 - 58.703

MARCAJE UIC Rmmo 31 71 386 8 000 - 31 71 386 8 041

CARGAS MAXIMAS ADMISIBLES

VALORES DE X EN mt.		VALORES DE C EN tn.																
X	0 1 2 3 4 5 6 7 8 9 10 11 11,5 12 13 14	C	20	21	22	24	26	27	30	32	35	38	40	40	40	40	40	40



SUPERFICIE _____ 33,60 m²

VOLUMEN APROX. _____

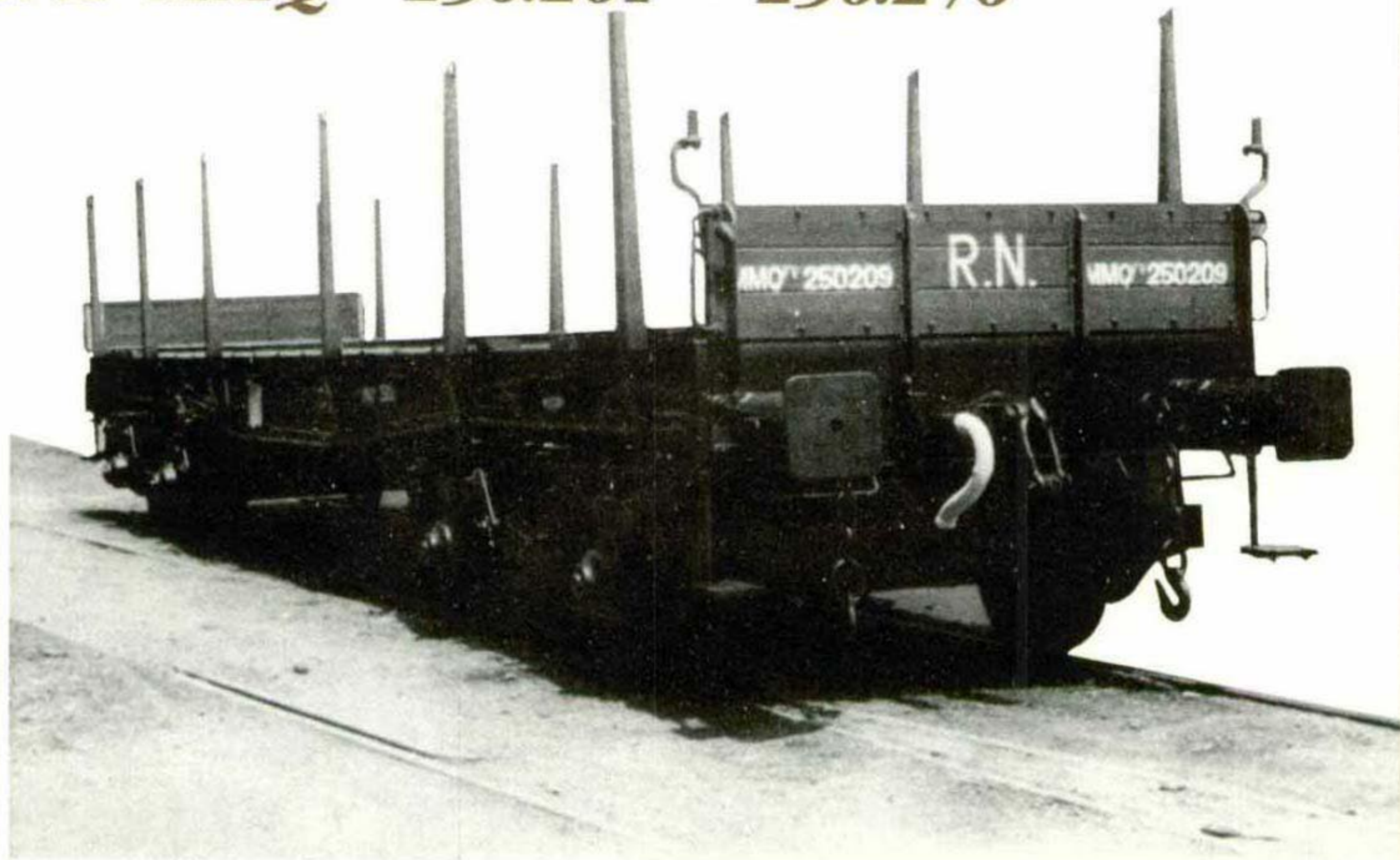
TARA _____ 16,90 Tm.

CARGA MAX _____ 40 Tm.

TECHO _____

VELOCIDAD TIPO _____ 50 - 60 - 60

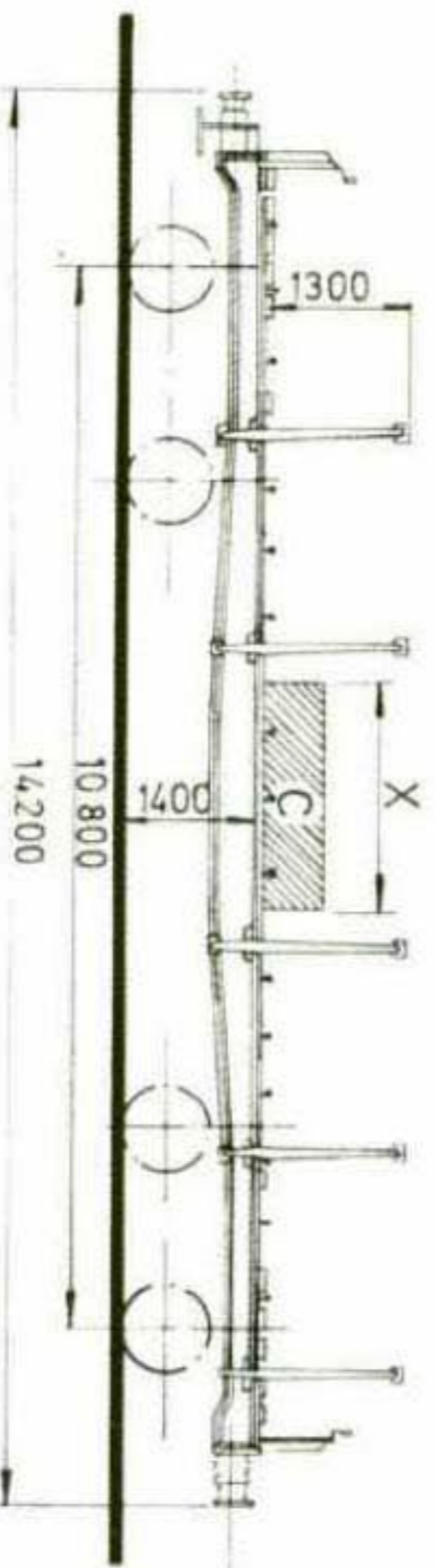
*Plataforma,
serie MMQ^{FV} 250.201 - 250.270*



MMQ^{FV} 250.201 - 250.270

CARGAS MAXIMAS ADMISIBLES

VALORES DE X EN mt.			VALORES DE C EN tn.												
X	0	1	2	3	4	5	6	7	8	9	10	11	11,5	12	12,
C	14,	14,8	15,7	16,8	18	19,5	21	23	25,6	28,5	32	37	41	45	45



SUPERFICIE _____ 38,87 m²

VOLUMEN APROX. _____

TARA _____ 22,510 Tm.

CARGA MAX. _____ 45 Tm.

TECHO _____

VELOCIDAD TIPO _____ 100 - 100

Plataforma,

serie MMQ^{FV} 250.294 - 250.443

Wielkopolone



PLATAFORMAS

(TELEROS ABATIBLES)



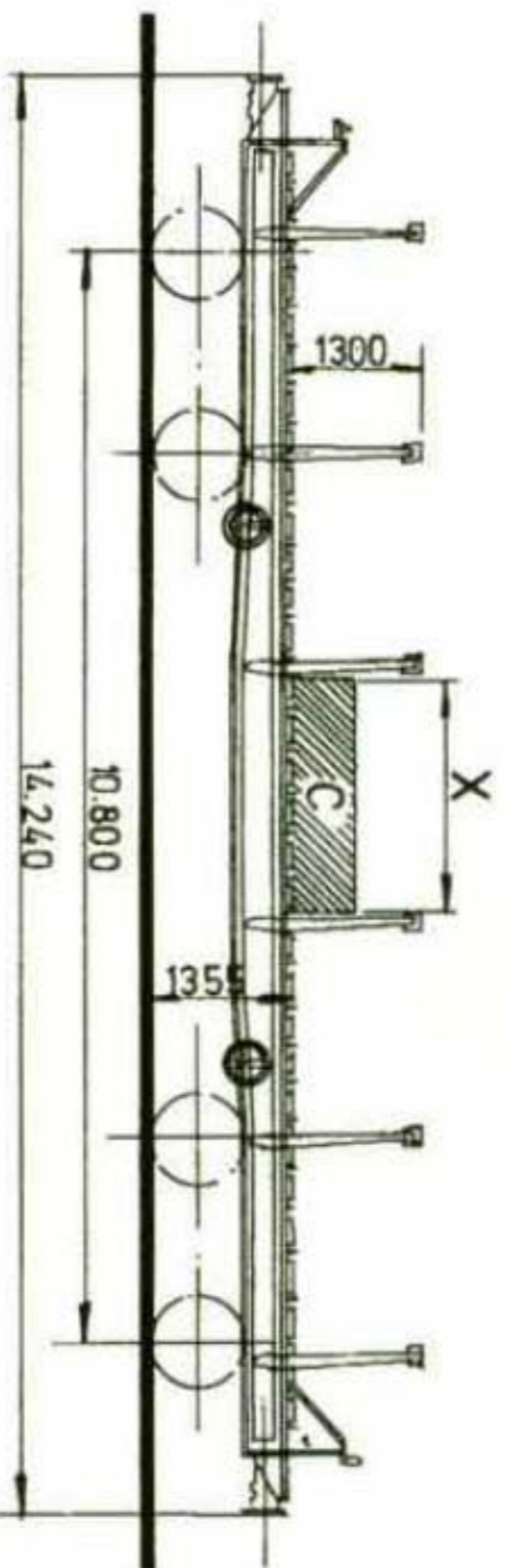
MMQ^{FV} 250.294-250.443

MARCAJE U.I.C.

Rmm 31 71 385 0 000-31 71 385 0 148

CARGAS MAXIMAS ADMISIBLES

VALORES DE X EN mt.				VALORES DE C EN tn.											
X	0	1	2	3	4	5	6	7	8	9	10	11	11,5	12	12,750
C	14	14,8	15,7	16,8	18	19,5	21	23	25,6	28,5	32	37	38,5	40	40



SUPERFICIE _____ 38,87m²

VOLUMEN APROX. _____

TARA _____ 26 Tm.

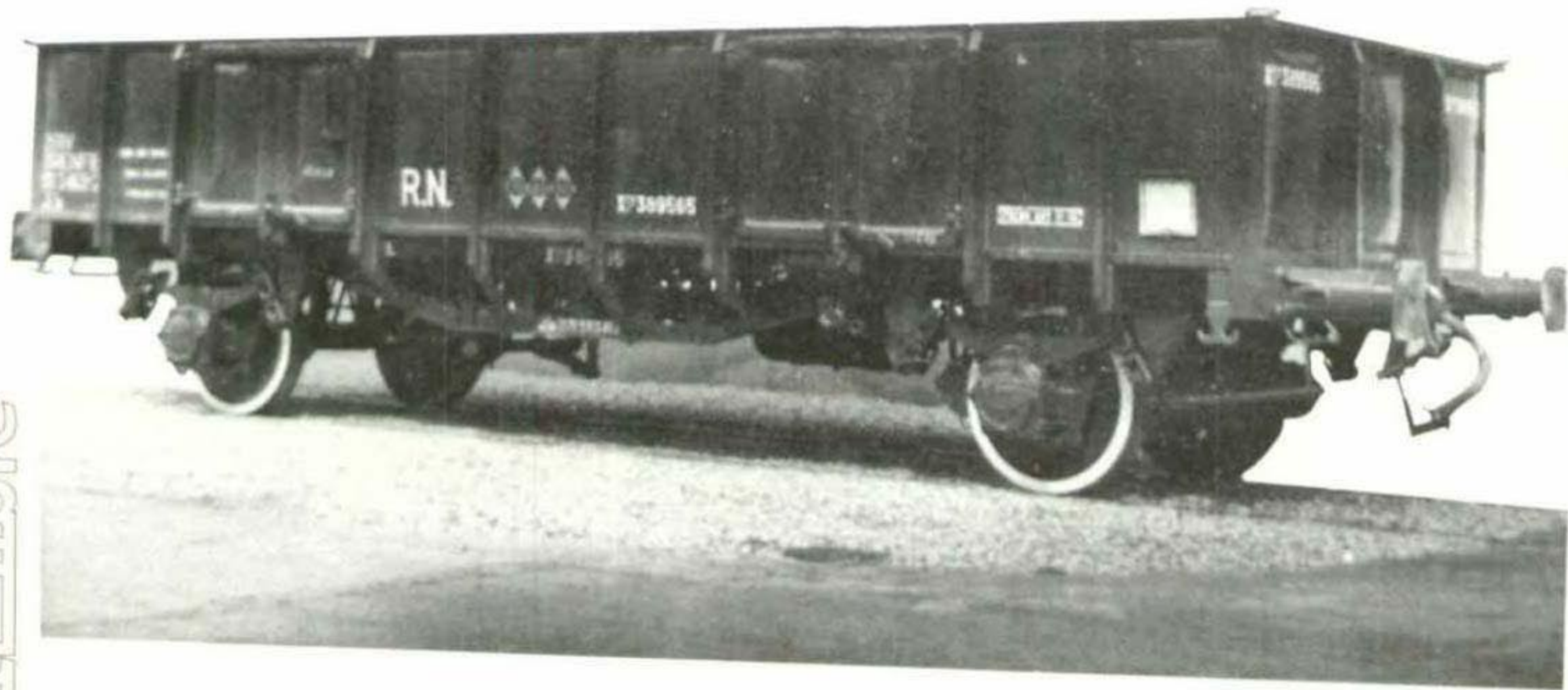
CARGA MAX _____ 40 Tm.

TECHO _____

VELOCIDAD TIPO _____ 70-80-80

Bordes,

serie X^{FHV} 385.601 - 385.800



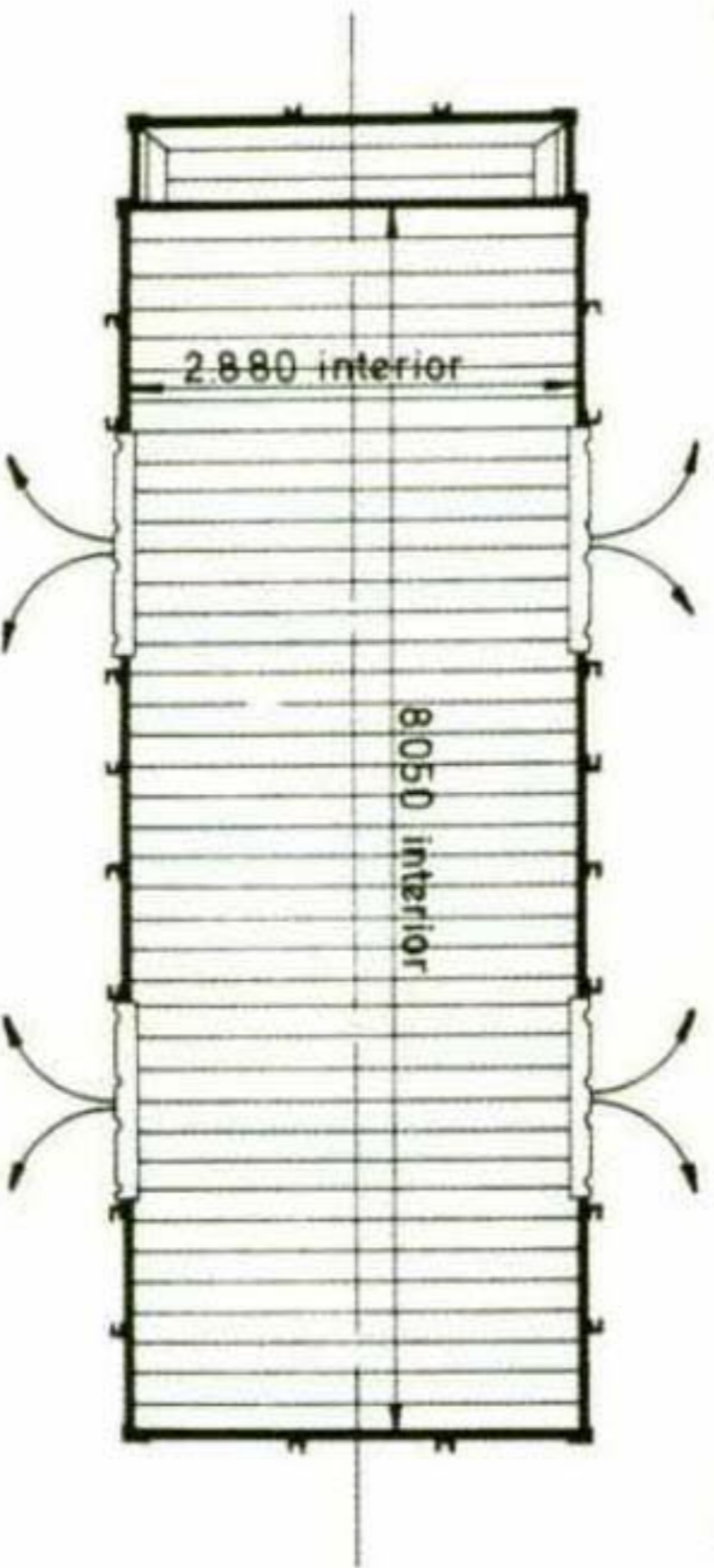
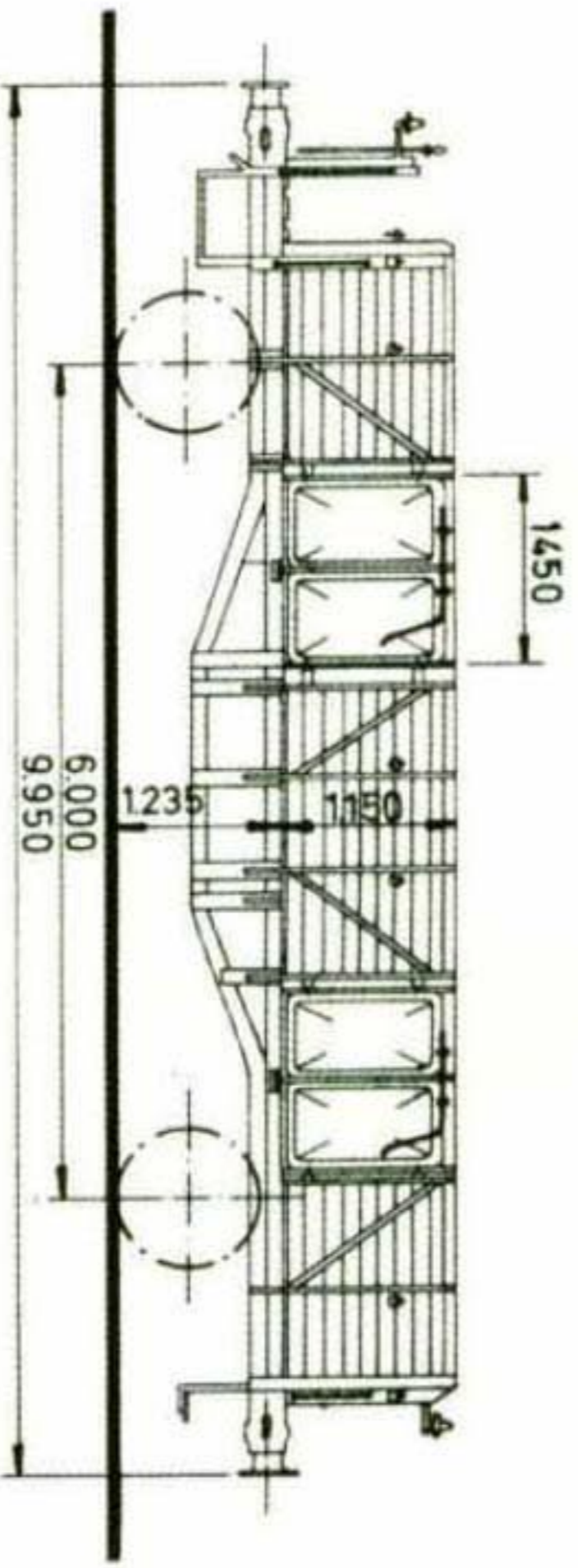
via libre

BORDES

5-2

X^{FHV}385.601 - 385.800

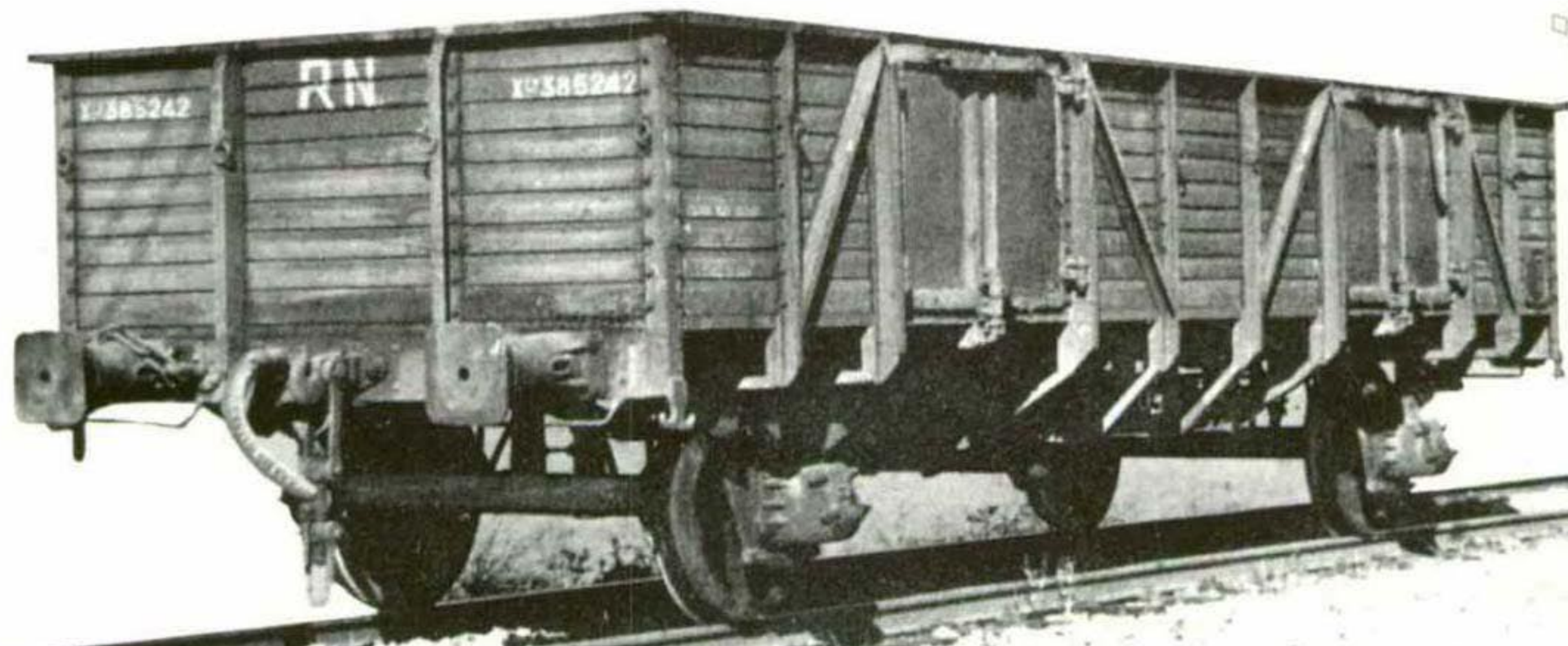
MARCAJE U.I.C. E10 21 71 511 0 436 - 21 71 511 0 593



SUPERFICIE _____ 23,18 m²
 VOLUMEN APROX. _____ 25,498 m³
 TARA _____ 10 Tm.
 CARGA MAX. _____ 20 Tm.
 TECHO _____
 VELOCIDAD TIPO _____ 70-80-80

Bordes,

serie X^{FV} 385.001 - 385.600



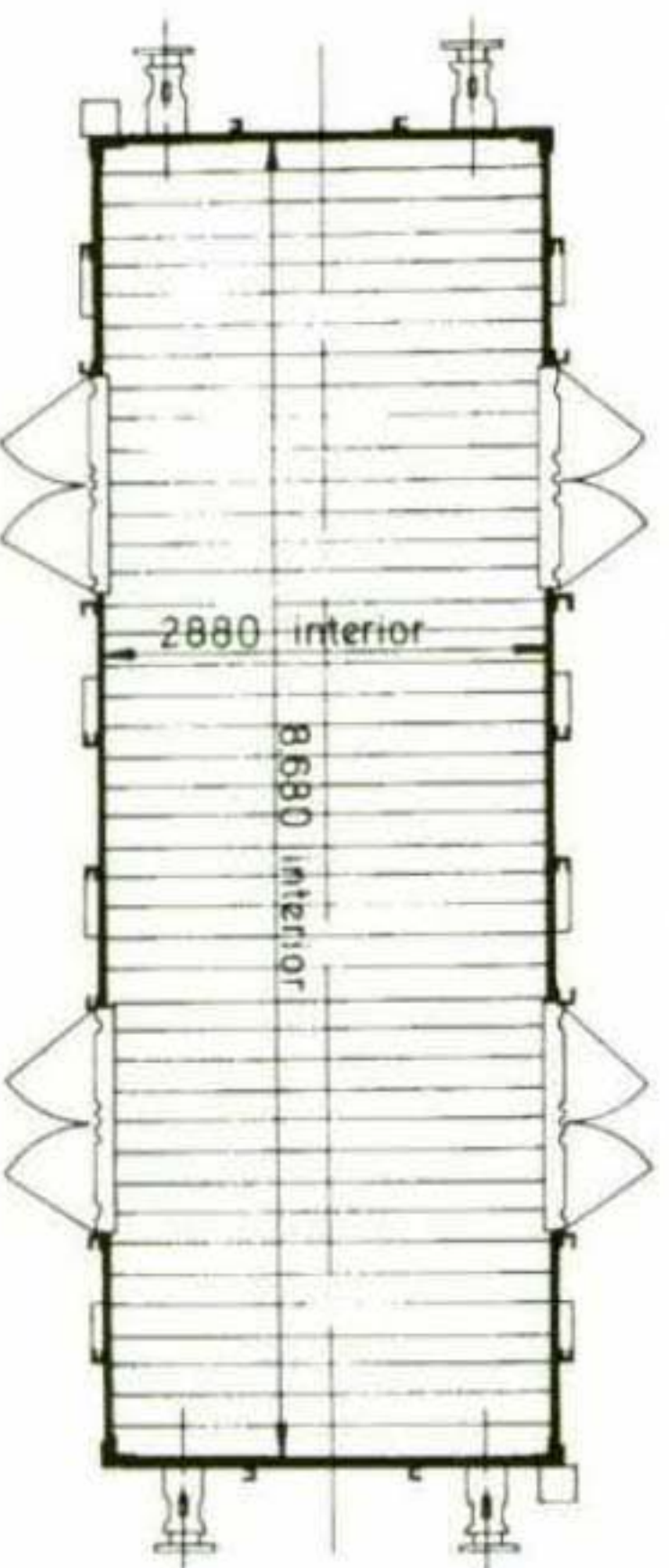
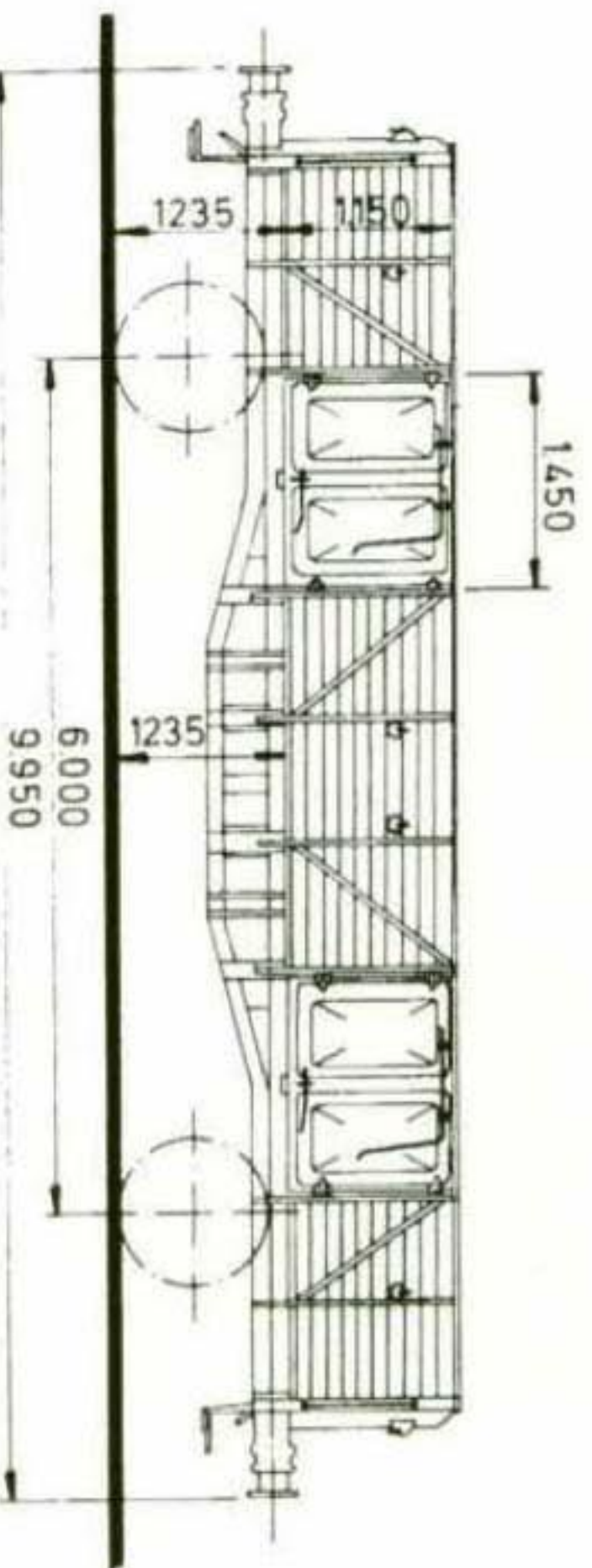
viagilmore

BORDES

ЭЛГҮЛ БЭГ

X^{FV} 385.001 - 385.600

MARCAJE UIC E10 21 71 511 0 000 - 21 71 511 0 447



SUPERFICIE _____ 25,000 m²
VOLUMEN APROX. _____ 27,500 m³
TARA _____ 10 Tm.
CARGA MAX. _____ 20 Tm.
TECHO _____
VELOCIDAD TIPO _____ 70-80-80

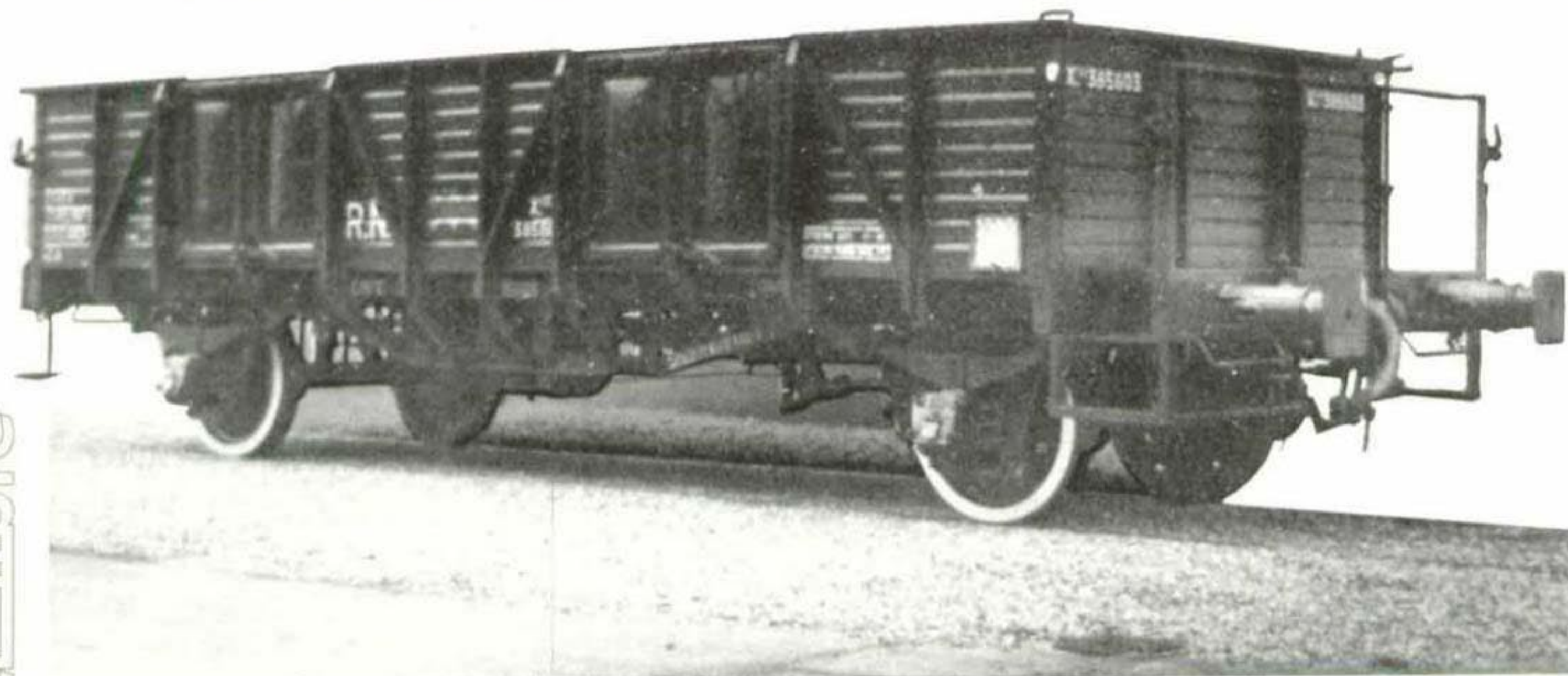
Bordes,

serie X^{FV} 385.801 - 386.175; 386.301 - 386.675

386.801 - 387.575; 387.801 - 388.700

388.901 - 389.200; 389.301 - 389.675

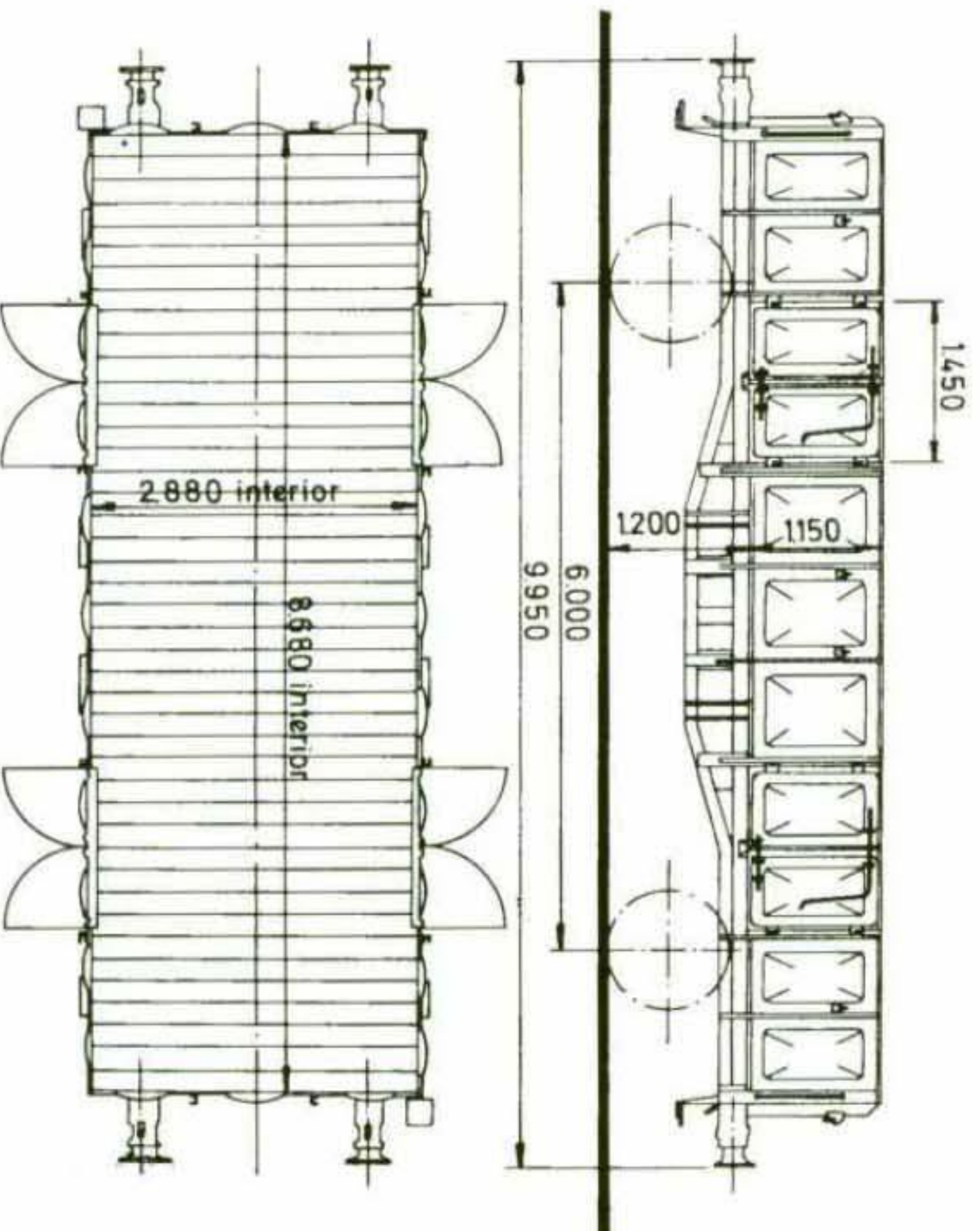
389.801 - 390.000



X^{FV} 385.801-386.175; 386.301-386.675;
 386.801-387.575; 387.801-388.700;
 388.901-389.200; 389.301-389.675;
 389.801-390.000.

MARCAJE U.I.C. E10 21 71 511 0 896 - 21 71 511 0 866;

21 71 511 0 950 - 21 71 511 1 246; 21 71 511 1 351 - 21 71 511 1 921;
 21 71 511 2 106 - 21 71 511 2 786; 21 71 511 2 926 - 21 71 511 3 173;
 21 71 511 3 249 - 21 71 511 3 553; 21 71 511 3 661 21 71 511 3 824.



SUPERFICIE _____ 25,00 m²

VOLUMEN APROX. _____ 27,500 m³

TARA _____ 10 Tm.

CARGA MAX. _____ 20 Tm.

TECHO _____

VELOCIDAD TIPO _____ 70-80-80