

HYDRAULICS  
SUPERSTRUCTURE  
LTM 1100-4.1  
GENERAL OUTLAY

3				Gez.	14.06.05	lweryd0	LIEBHERR WERK EHINGEN	HYDRAULICS  GENERAL OUTLAY	Ident-Nr.  984493208	= D + D2 Blatt 1 von 14
2				Ausgabe	03.02.06	lwerof0				
1										
	Änderung	Datum	Name		Datum	Name	Copyright (c)		Zeich-Nr.  3372-970.10.00.001-003	

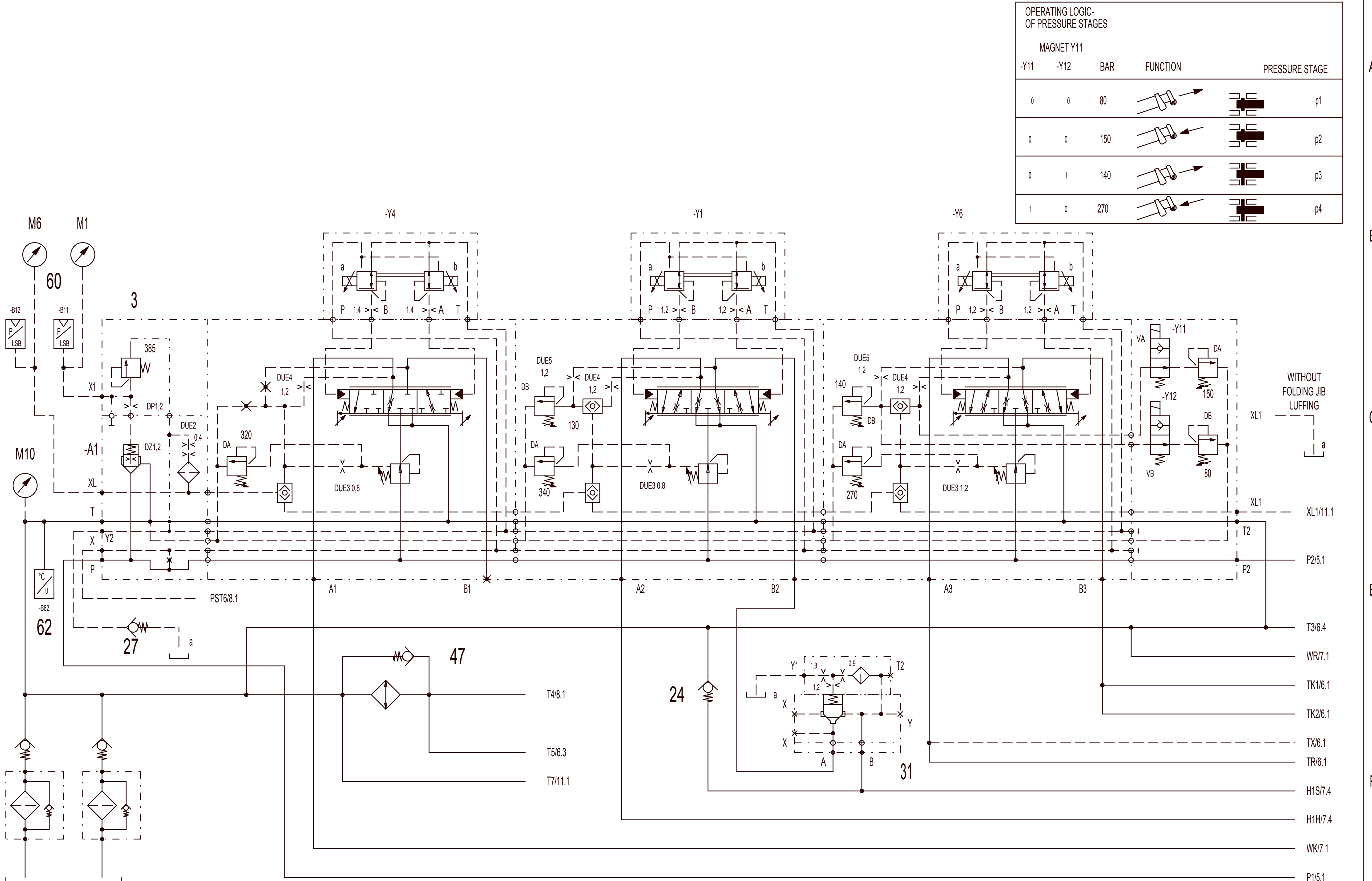
REGISTER OF SHEETS

ADJUSTMENT VALUES  
HYDRAULICS  
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HYDRAULICS  
REGISTER OF SHEETS

SHEET

14  
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12  
2

3				Gez.	14.06.05	lweryd0	LIEBHERR WERK EHINGEN	REGISTER OF SHEETS	Ident-Nr. 984493208	= D		
2				Ausgabe	03.02.06	lwerof0						
1												
	Änderung	Datum	Name		Datum	Name	Copyright (c)				Zeich-Nr. 3372-970.10.00.001-003	Blatt 2



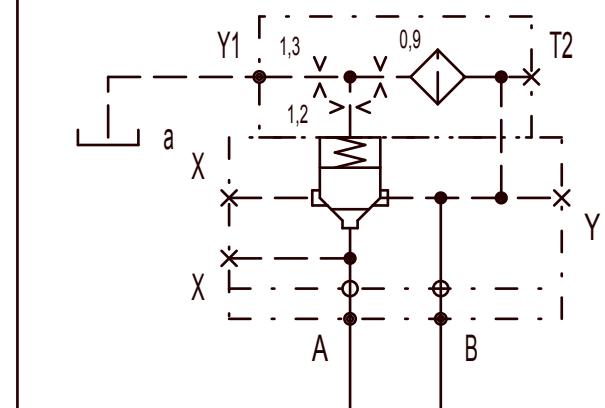
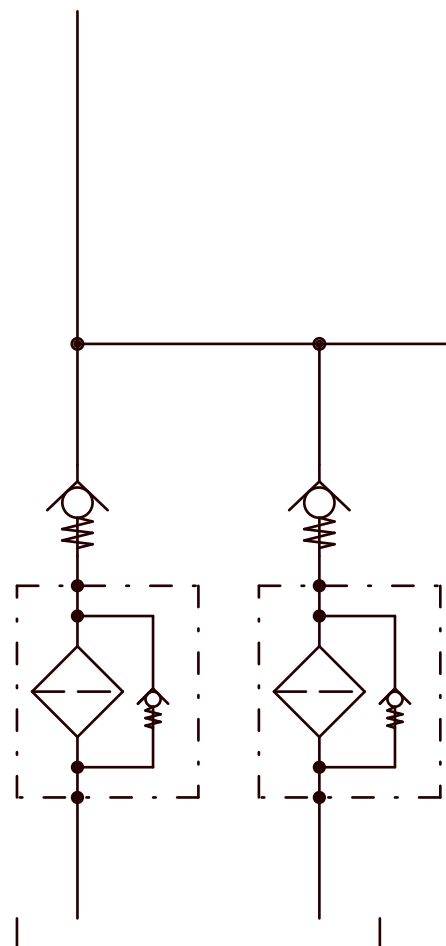
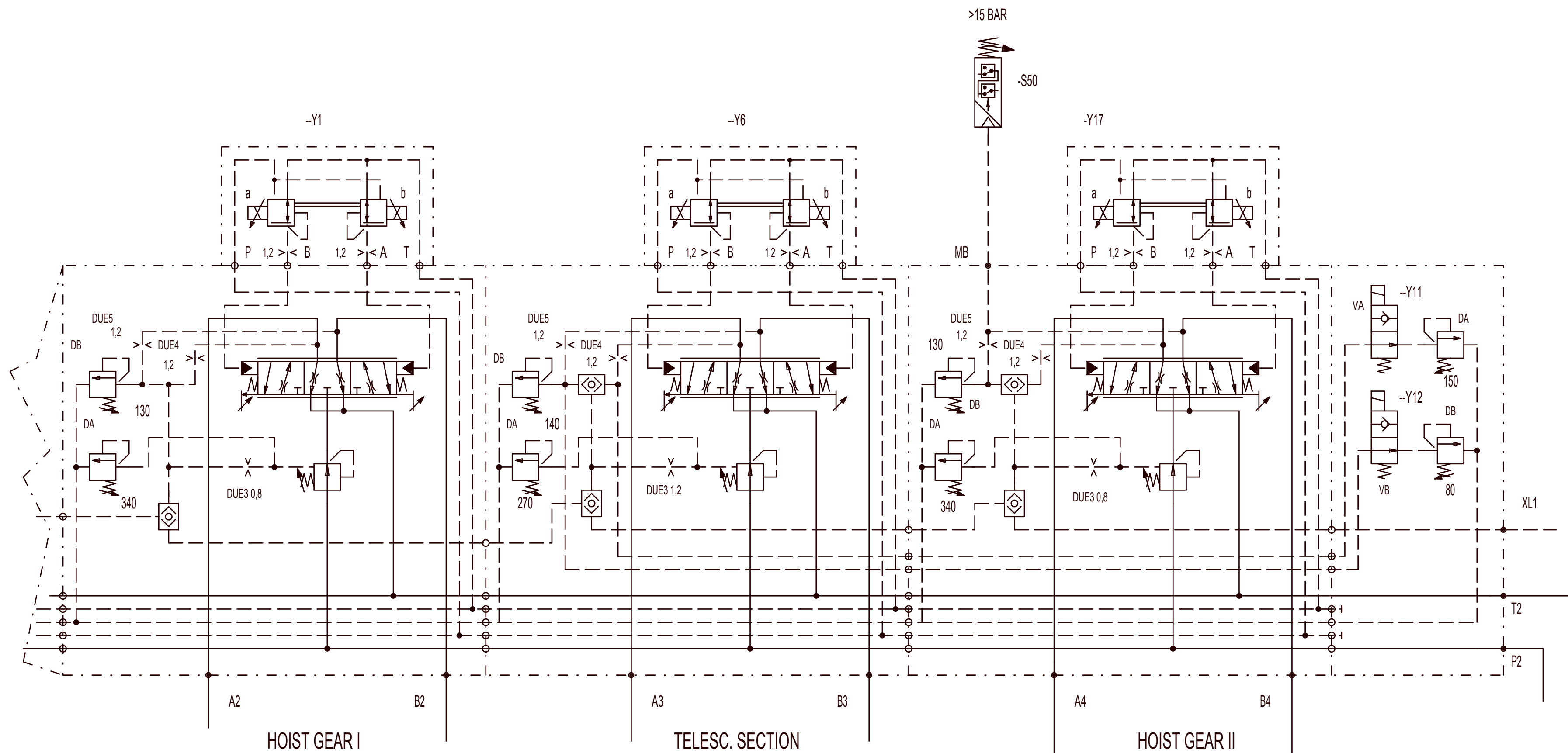
OPERATING LOGIC- OF PRESSURE STAGES					
MAGNET Y11					
-Y11	-Y12	BAR	FUNCTION	PRESSURE STAGE	
0	0	80			p1
0	0	150			p2
0	1	140			p3
1	0	270			p4

3				Gez.	14.06.05	lweryd0	LIEBHERR WERK EHINGEN
2				Ausgabe	03.02.06	lwerof0	
1							
	Änderung	Datum	Name		Datum	Name	Copyright (c)

HYDRAULICS

VALVE BLOCK LS

Ident-Nr.	984493208	=	D
		+	D2
Zeich-Nr.	3372-970.10.00.001-003	Blatt	3
		von	14



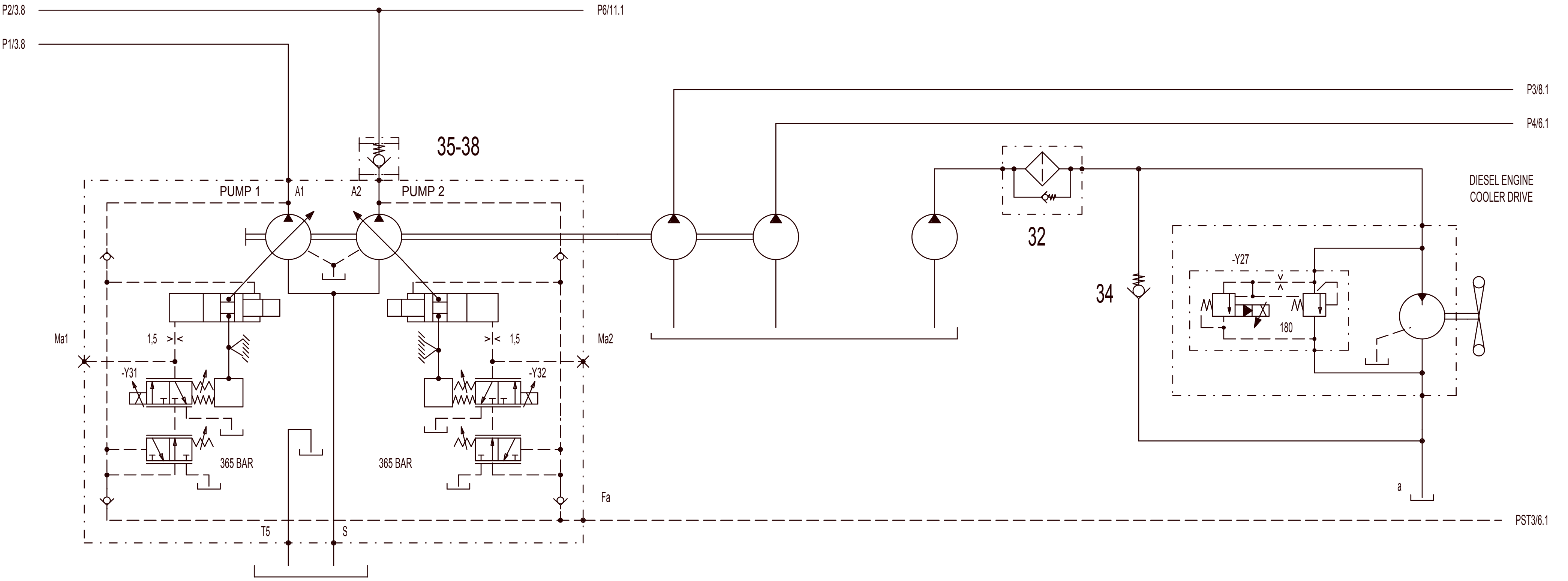
H2S/7.4

H2H/7.4

3				Gez.	14.06.05	lweryd0	LIEBHERR WERK
2							EHINGEN
1				Ausgabe	03.02.06	lwerofo	
	Änderung	Datum	Name		Datum	Name	Copyright (c)

HYDRAULICS  
VALVE BLOCK LS WITH HOIST GEAR II

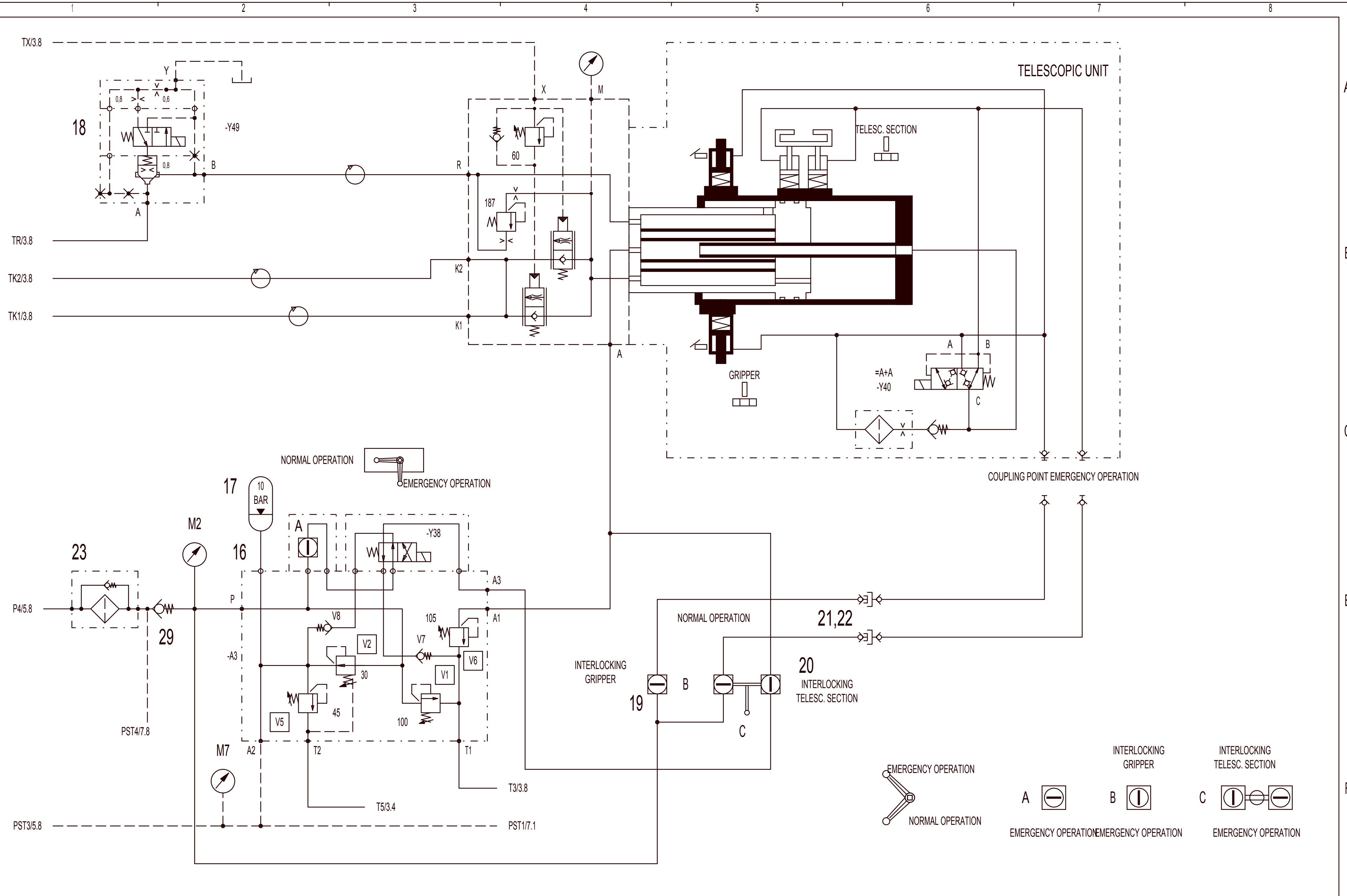
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Zeich-Nr.	3372-970.10.00.001-003	Blatt	4
		von	14



3				Gez.	14.06.05	lweryd0	LIEBHERR WERK EHINGEN
2				Ausgabe	03.02.06	lwerofo	
1	Änderung	Datum	Name		Datum	Name	
							Copyright (c)

HYDRAULICS  
PUMP

Ident-Nr.	984493208	=	D
		+	D2
Zeich-Nr.	3372-970.10.00.001-003	Blatt	5
		von	14

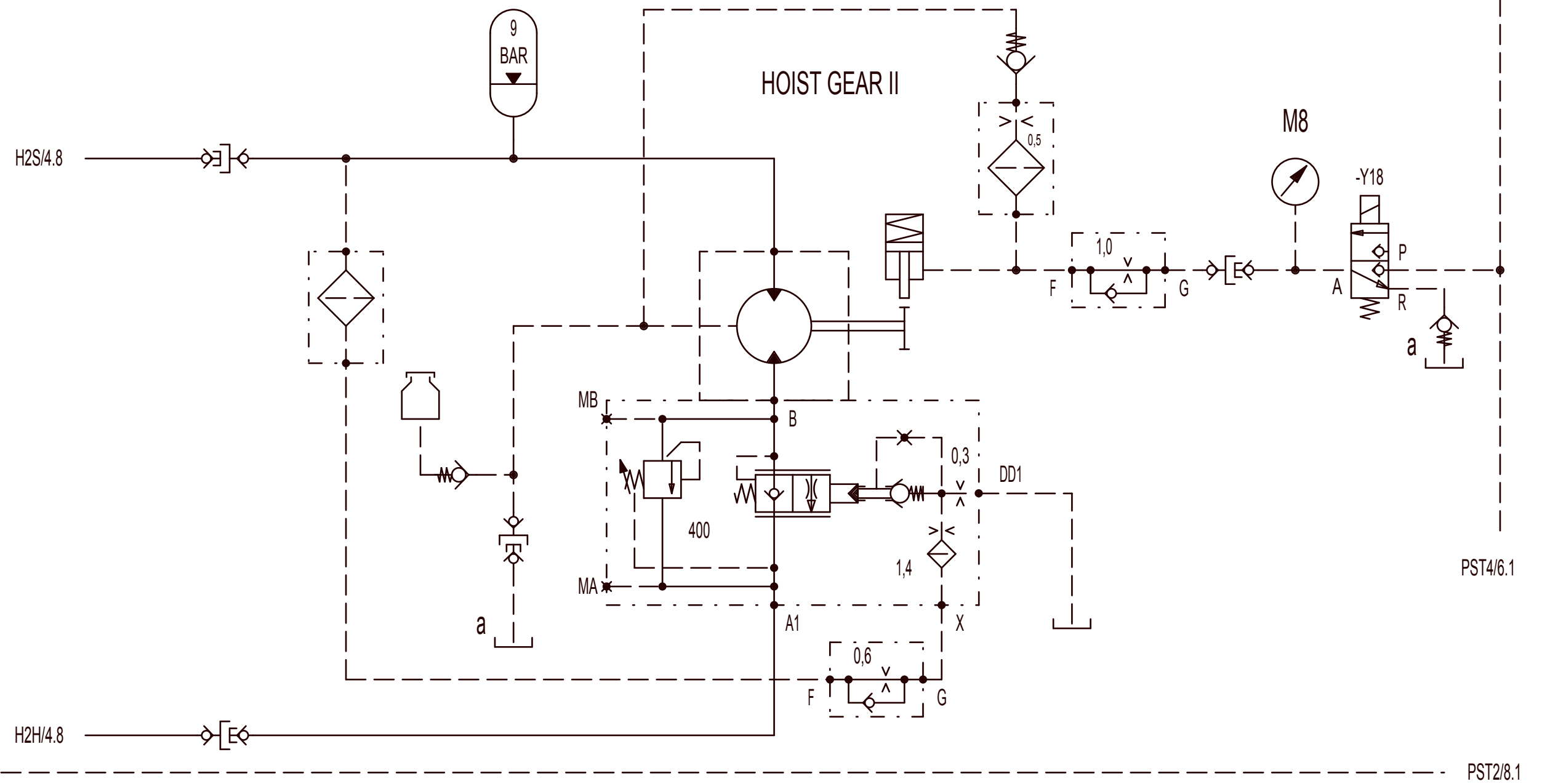
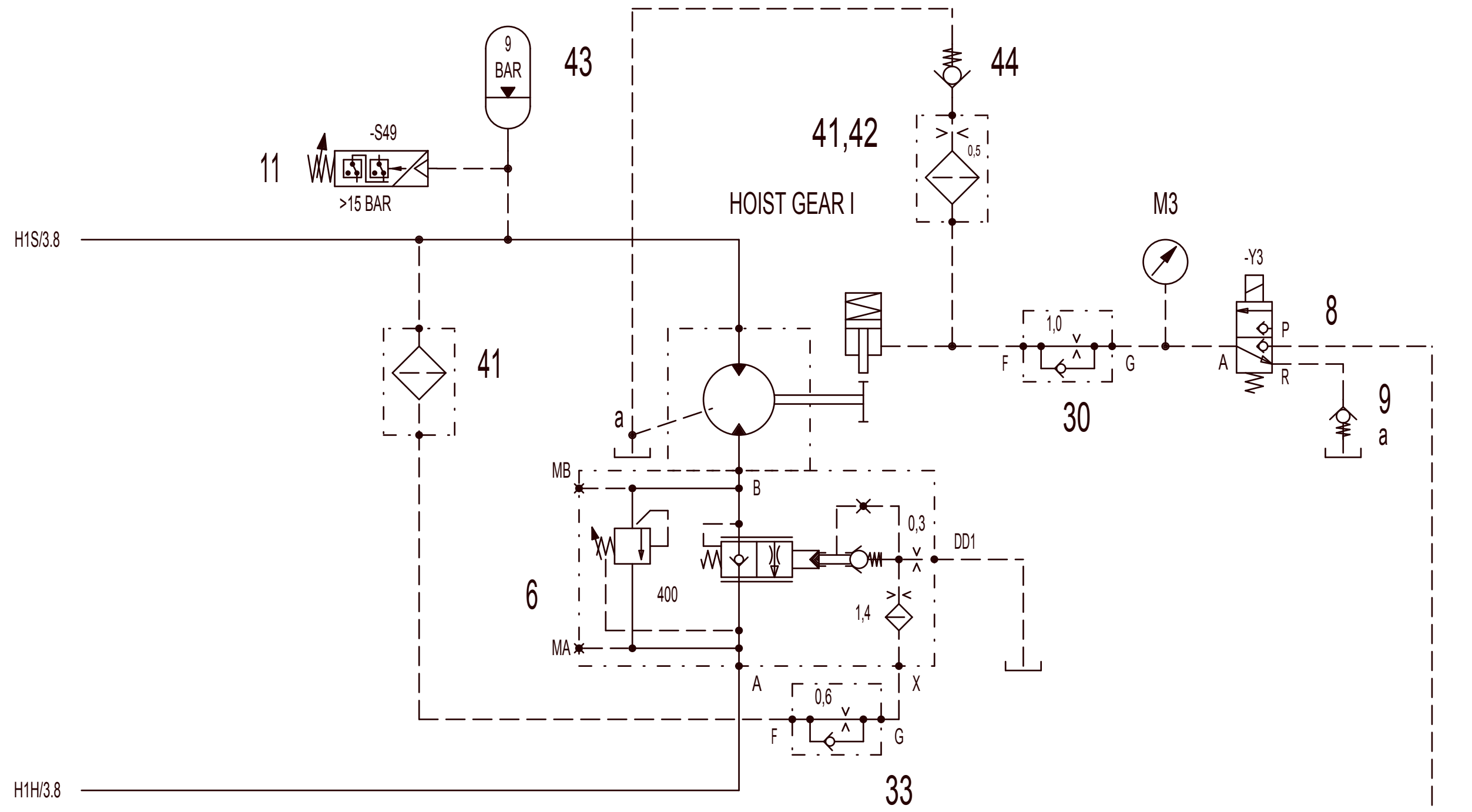
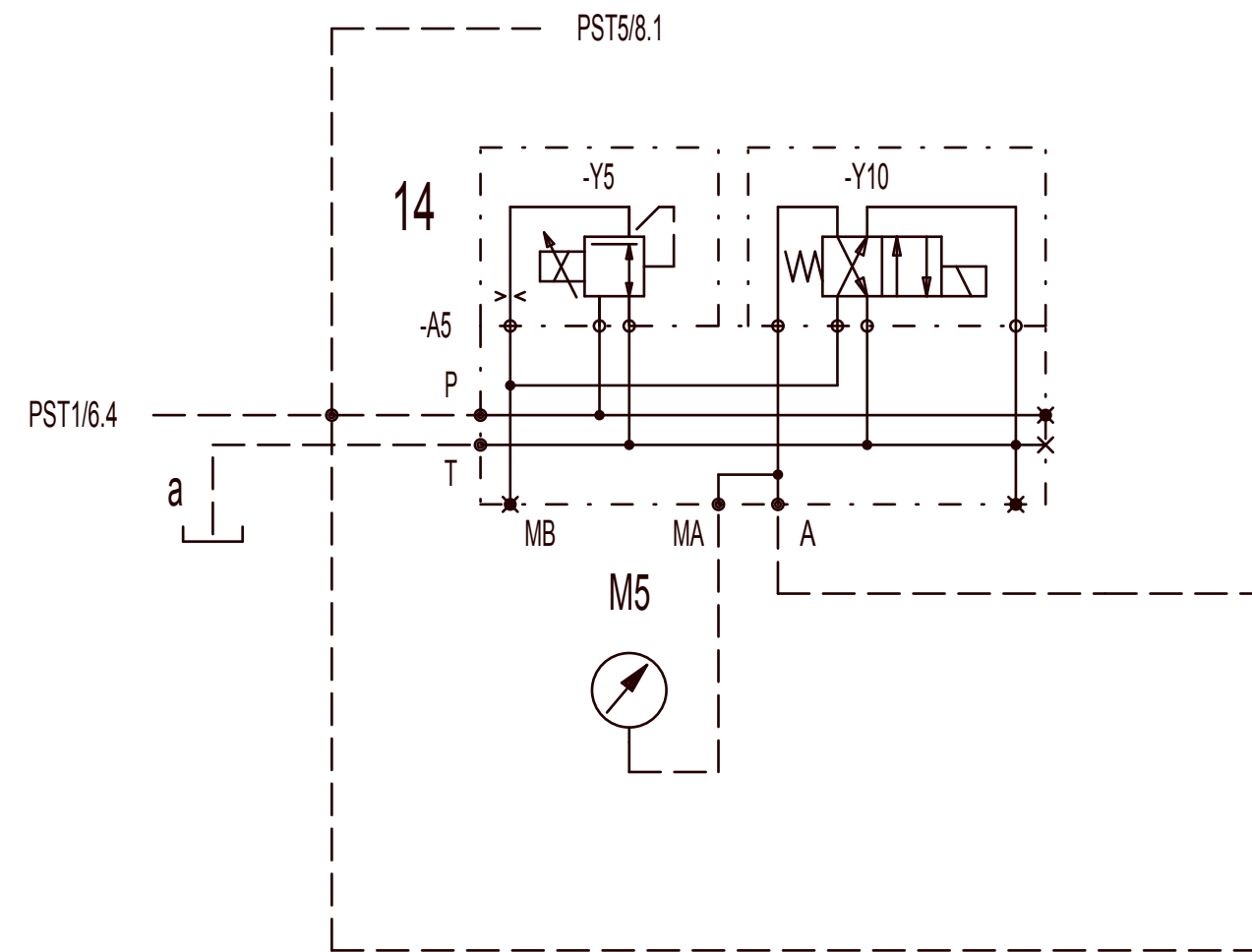
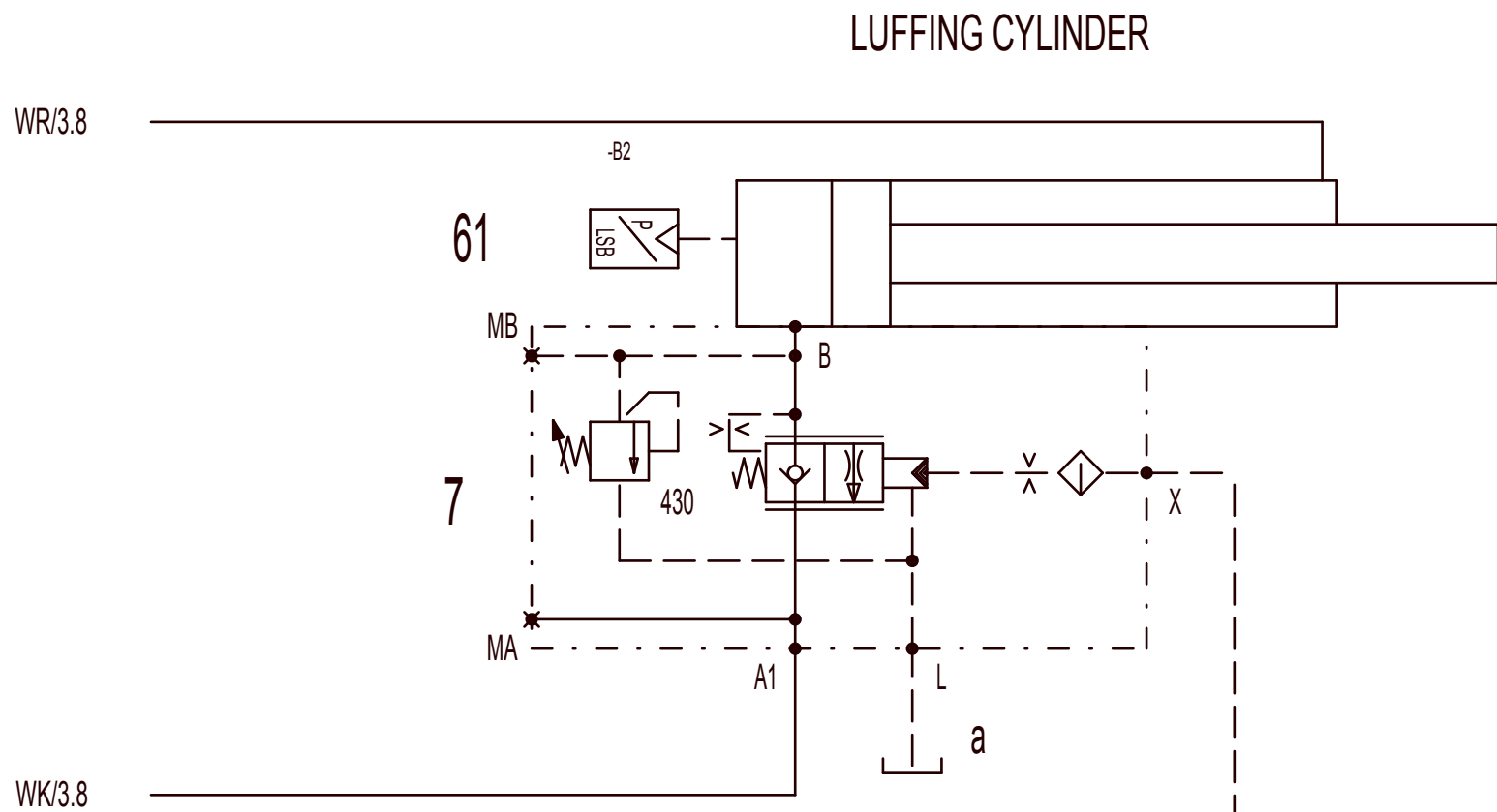


3				Gez.	14.06.05	lweryd0	LIEBHERR WERK
2							EHINGEN
1				Ausgabe	03.02.06	lwerof0	
	Änderung	Datum	Name		Datum	Name	Copyright (c)

HYDRAULICS

TELESC. SECTION / TELESC. SECT. INTERLOCK

Ident-Nr.	984493208	=	D
		+	D2
Zeich-Nr.	3372-970.10.00.001-003	Blatt	6
		von	14

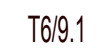


3				Gez.	14.06.05	lweryd0	LIEBHERR WERK
2				Ausgabe	03.02.06	lwerof0	EHINGEN
1	Änderung	Datum	Name		Datum	Name	Copyright (c)

HYDRAULICS  
HOIST GEAR / LUFFING

Ident-Nr. 984493208  
Zeich-Nr. 3372-970.10.00.001-003

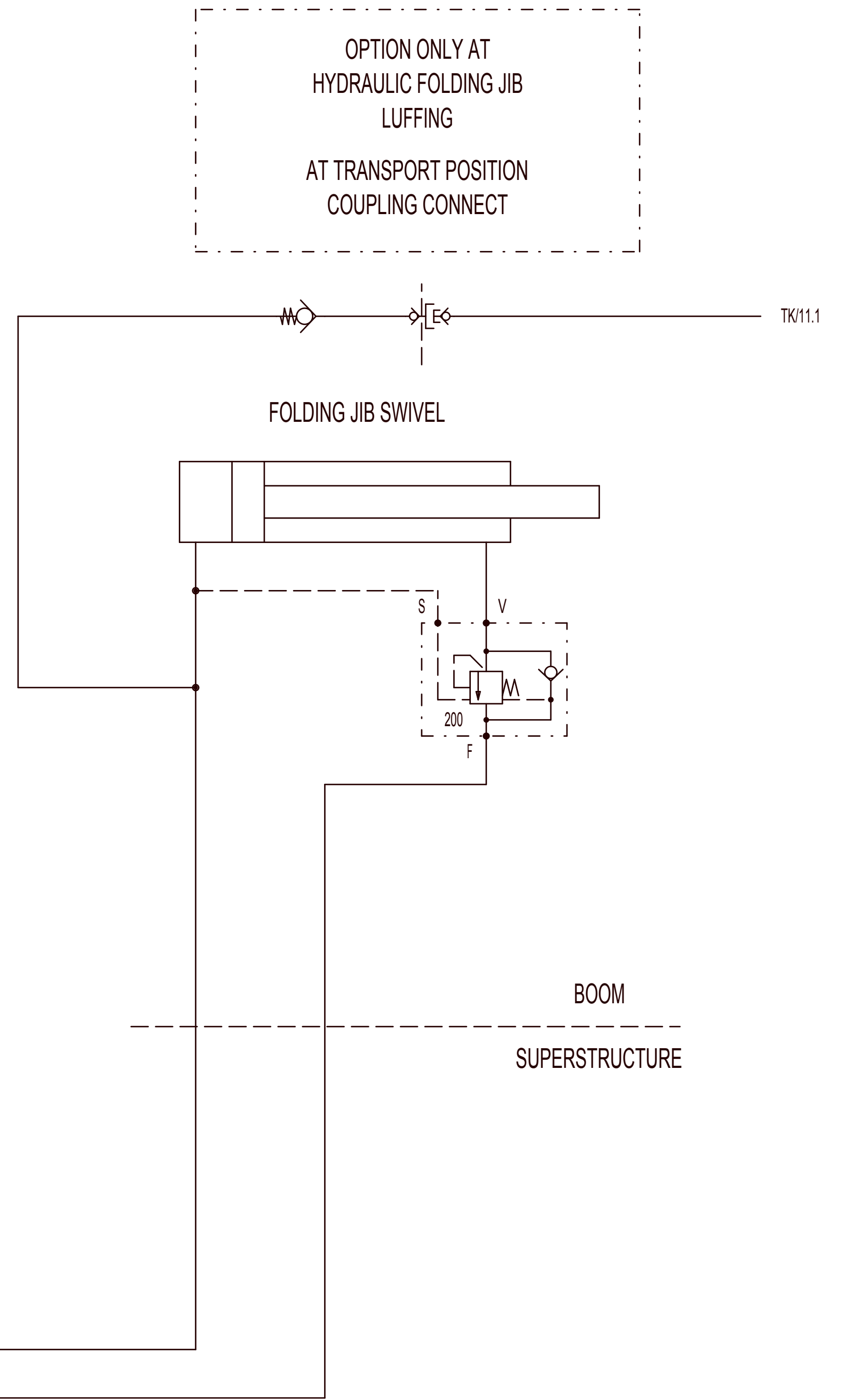
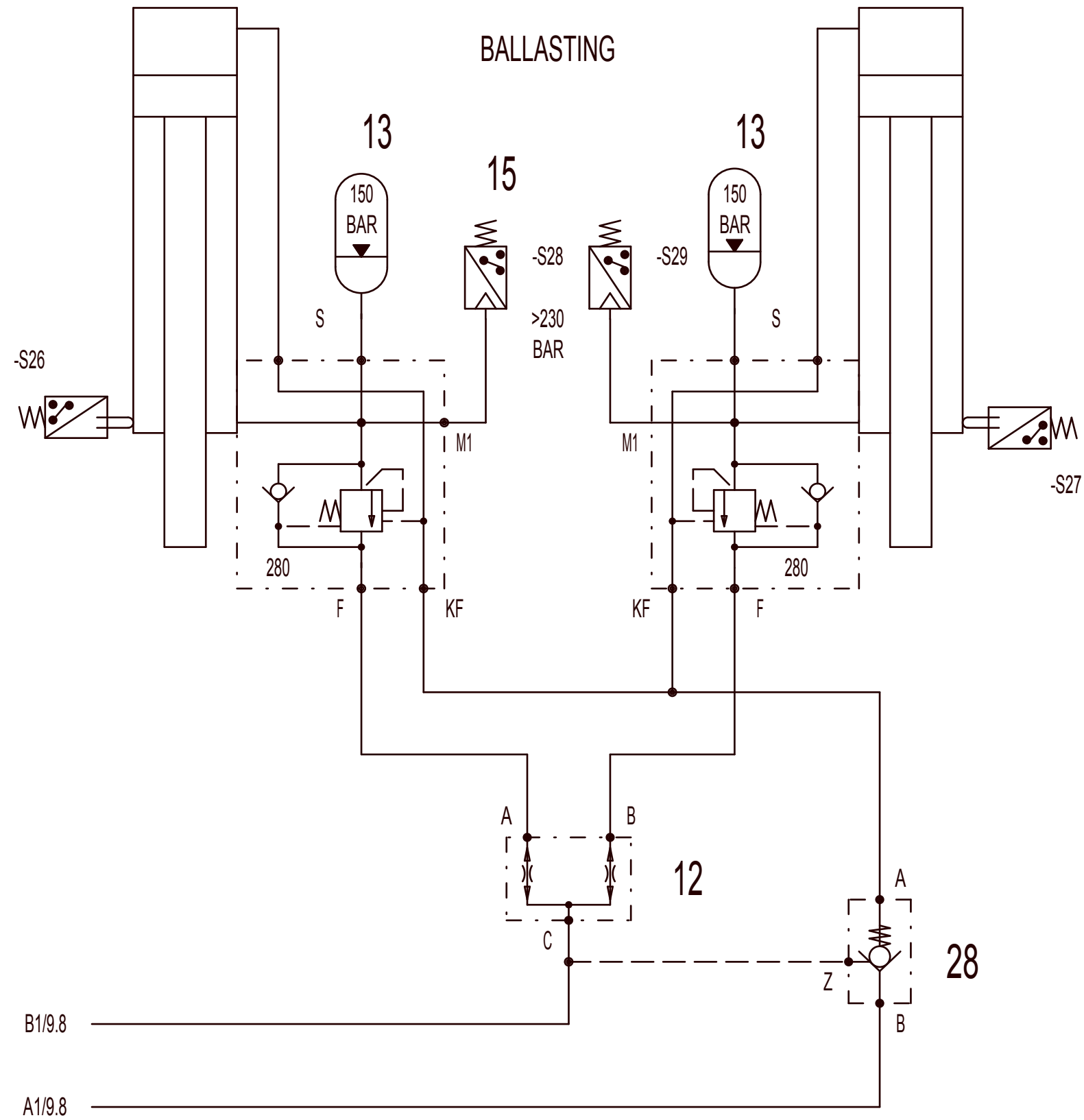
= D  
+ D2  
Blatt 7  
von 14



=	D
+	D2
Blatt	8
von	14



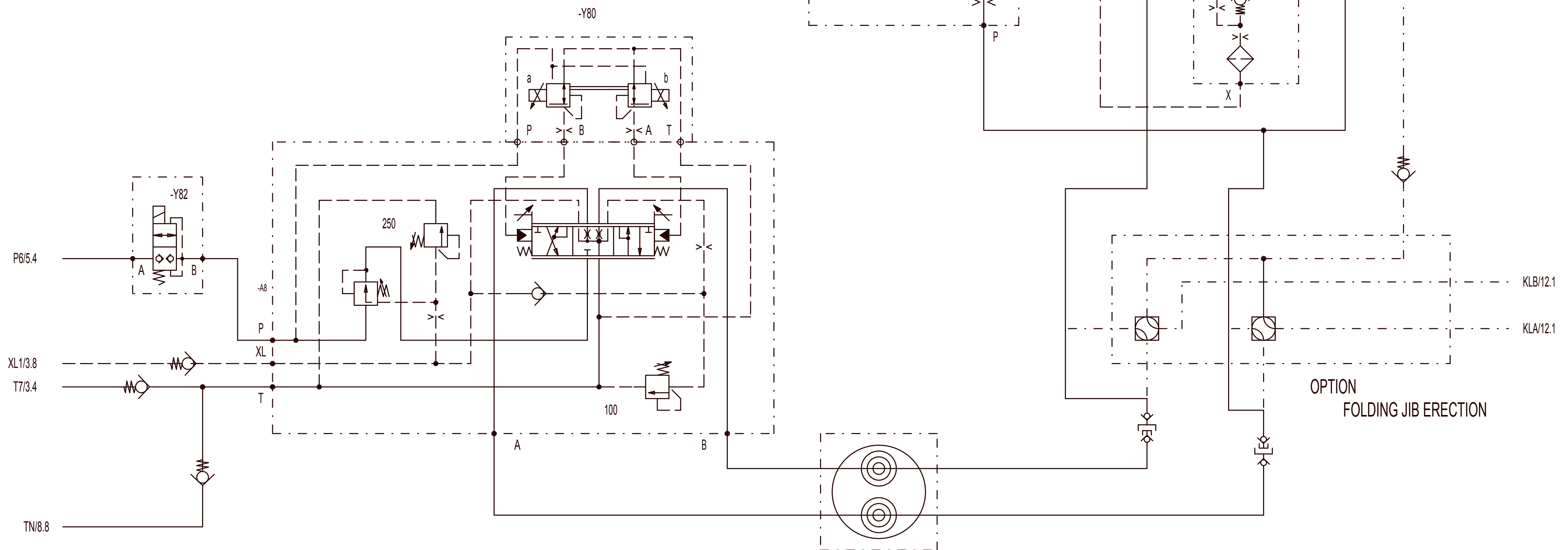
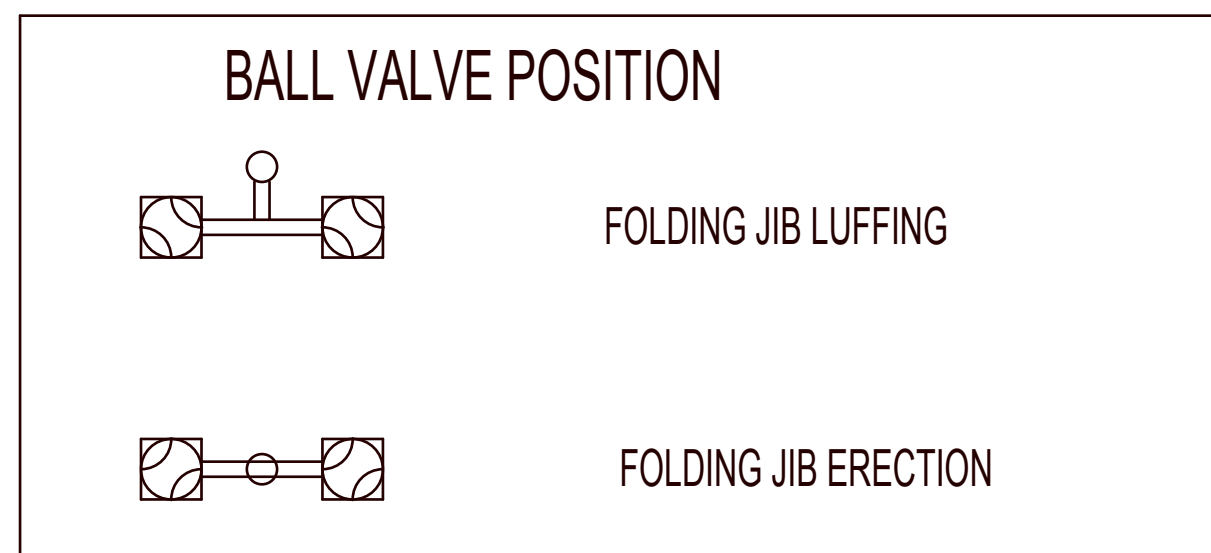




3				Gez.	14.06.05	lweryd0	LIEBHERR WERK EHINGEN
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HYDRAULICS  
BALLASTING / FOLDING JIB

Ident-Nr.	984493208	=	D
		+	D2
Zeich-Nr.	3372-970.10.00.001-003	Blatt	10
		von	14



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SLEWING GEAR

	REFERENCE VALUE	TOLERANCE
REVOLUTIONS	1,7 U/min	+/- 0,1 U/min

LUFFING

	REFERENCE VALUE	TOLERANCE
PRESSURE CUT-OFF LUFFING	320 BAR	+/- 10 BAR
POST-REGULATION LUFFING (30°...50°)	-8...+10 mA	
SPEED LOWERING BOOM (50°...30°)	15,3 sec	+/- 1 sec
QUANTITY LUFFING (PRESSURE BALANCE )	280 L/min	
QUANTITY LUFFING (LS- PROGRAM )	260 L/min	

HOIST GEAR

	REFERENCE VALUE	TOLERANCE
PRESSURE CUT-OFF HWI HOISTING	340 BAR	+/- 10 BAR
PRESSURE CUT-OFF HWI LOWERING	130 BAR	+/- 10 BAR
PRESSURE CUT-OFF HWII HOISTING	340 BAR	+/- 10 BAR
PRESSURE CUT-OFF HWII LOWERING	130 BAR	+/- 10 BAR
POST-REGULATION	-10...+8 mA	
WINCHES SLEWING SPEED HWI	47...57 U/min	
WINCHES SLEWING SPEED HWII	47...57 U/min	
QUANTITY HOISTING (PRESSURE BALANCE )	380 L/min	
QUANTITY HOISTING (LS-PROGRAM )	360 L/min	
QUANTITY LOWERING (PRESSURE BALANCE )	380 L/min	
QUANTITY LOWERING (LS-PROGRAM )	360 L/min	

PUMP

	REFERENCE VALUE	TOLERANCE
PRESSURE CUT-OFF	365 BAR	+/- 10 BAR
FLOW AT EMPTY HOOK	95% THE MAX. QUANTITY : 420 L/min	+/- 1,5%

TELESCOPIC UNIT

	REFERENCE VALUE	TOLERANCE
TELESCOPIC UNIT TELESCOPING OUT	140 BAR	+/- 10 BAR
TELESCOPIC UNIT TELESCOPING IN	270 BAR	+/- 10 BAR
CYLINDER TELESCOPING OUT	80 BAR	+/- 10 BAR
QUANTITY TELESCOPING OUT (PRESSURE BALANCE )	430 L/min	
QUANTITY TELESCOPING OUT (LS-PROGRAM )	428 L/min	
QUANTITY TELESCOPING IN (PRESSURE BALANCE )	260 L/min	
QUANTITY TELESCOPING IN (LS-PROGRAM )	260 L/min	

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ADJUSTMENT VALUES

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		von	14