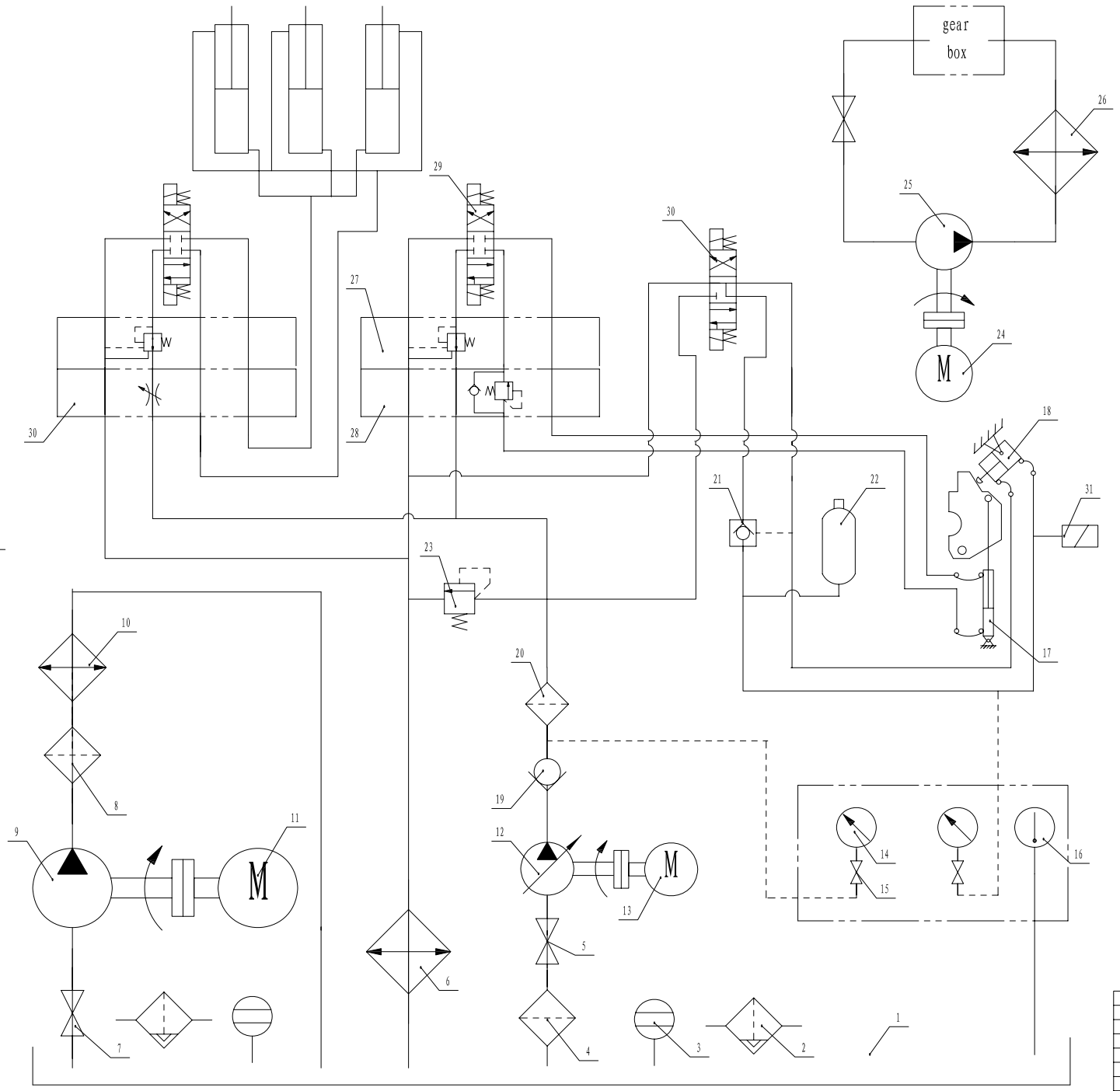

Technical Speficifaction

1. the system pressure P=25MPa, must be regulated by the pump.
The overflow valve pressure should be regulated to 25.5MPa.
2. the max. pressure Pmax=28MPa
3. the flow of system Q=10L/min
4. the pressure of lubricating system P=2Mp, flow Q=32L/min
5. the pressure of gear box cooling system P=2MPa, flow Q=40L/min
6. there are two mode of the hold-down pressure control,
relised by the pressure sensor

No.	TYPE	PART	QTY	PARAMETER	BRAND	REMARK
31	φ50/φ30x120	oil cylinder	3			
30	MTY-02-P	overfloe valve			Jiapeng	
29	4WE6E/EW220-20	solenoid	2		Jiapeng	
28	M-3-CBCA-02-A	balanced valve	1		Jiapeng	
27	MBRV-02-P-2-A	relief valve	2		Jiapeng	
26	GLC2-2.1	culler	1			
25	CBK-E316	oil pump	1		Dongfang	
24	Y90L-4/B35	motor	1	1.5KW		
23	DBDS6K10/31.5MPa2	overflow valve	1		Lixin	
22	NXQ1-L4/31.5-H	acumulator	1		Weifir	
21	EBVE-R1/2-10X	one-way valve	1		HYDAC	
20	ZU-H25x10S	high pressure oil filter	1		Guohang	
19	S8A2.2	one-way valve	1		Lixin	
18	φ160/φ75x32	hold-down cylinder	1		weilong	
17	φ50/φ28x400	oil cylinder	2			
16	WSS-412/L-400	thermometer	1	0-100gas	Dongpu	
15	AL-02	presure gauge valve	2			
14	YN-100	pressure gauge	2	0-400MPa	WuXi	
13	Y132S1-6/B35	motor	1	N=3KW	Yuejin	
12	10YCY14-1B	oil pump	1		HiDong	
11	Y90L-4/B35	motor	1	N=1.5KW	Yuejin	
10	GLC2-1.7	cooler	1			
9	CBK-E320	oil pump	1			
8	ZU-L40X30B	oil filter	1			
7	DN20	low pressure	2			
6	GLC1-1.3	cooler	1			
5	DN15	low pressure valve	1			
4	WU-40X120	oil filter	1		Liming	
3	YWZ-150T	content gauge	2		LiMing	
2	EF4-50	air filter	2			
1	JYJ-YY-1001	oil tank	1	1000X550X750		

Design		2006/8/18	
		Date	

copper extrusion machine

hydraulic/lubricating system

Shanhgai Derui

DWG	Mark			weight	scale

JYJ-YY-1000