

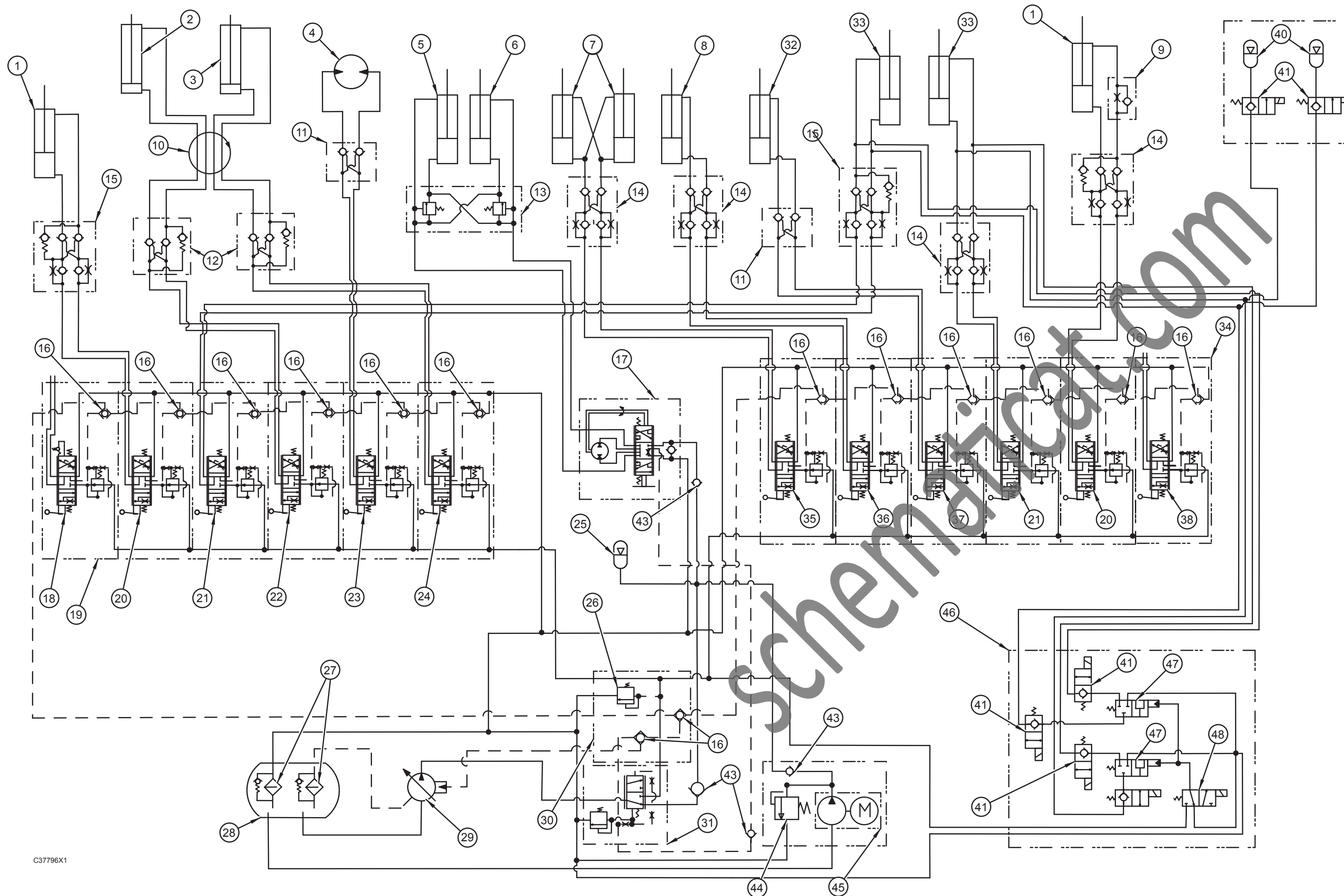
# Schematic

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## Motor Grader Hydraulic Systems

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12G 61M12027-UP 3WC1067-UP	130G 74V2321-UP 12W1082-UP	14G 96U7046-UP
120G 87V8360-UP 11W1251-UP	140G 72V10334-UP □ 13W741-UP	16G 93U2679-UP



MOTOR GRADERS HYDRAULIC SYSTEM SCHEMATIC			
No.	Description	No.	Description
1	Ripper/Scarifier Cylinder	25	Steering Accumulator
2	Side Shift Cylinder	26	Main Relief Valve
3	Blade Tip Cylinder	27	Filters
4	Circle Drive Motor	28	Hydraulic Tank
5	LH Steering Cylinder	29	Pump Group
6	RH Steering Cylinder	30	Combination
7	Articulation Cylinders	31	Priority Valve
8	Center Shift Cylinder	32	Wheel Lean Cylinder
9	Restrictor Valve	33	Blade Lift Cylinders
10	Swivel	34	Right Valve Bank
11	Lock Check Valve	35	Articulation Control Valve
12	Lock Check Valves	36	Center Shift Control Valve
13	Crossover Relief Valve	37	Wheel Lean Control Valve
14	Lock Check Valves	38	Snow Wing Control Valves (Attachment)
15	Lock Check Valves	39	Blade Cushion (Attachment)
16	Shuttle Valves	40	Blade Cushion Accumulators
17	Hand Metering Unit	41	Solenoid Valves
18	Plow/Dozer Control Valve (Attachment)	42	Supplemental Steering (Attachment)
19	Left Valve Bank	43	Check Valve
20	Ripper/Scarifier Control Valve	44	Relief Valve
21	Blade Lift Control Valve	45	Supplemental Steering Pump
22	Side Shift Control Valve	46	Blade Float (Attachment)
23	Circle Drive Control Valve	47	Blade Float Valve
24	Blade Tip Control Valve	48	Solenoid Valve

