CLAAS

QUADRANT 2200
QUADRANT 2200 RC

Technical Systems

Hydraulic System

SERVICE & PARTS

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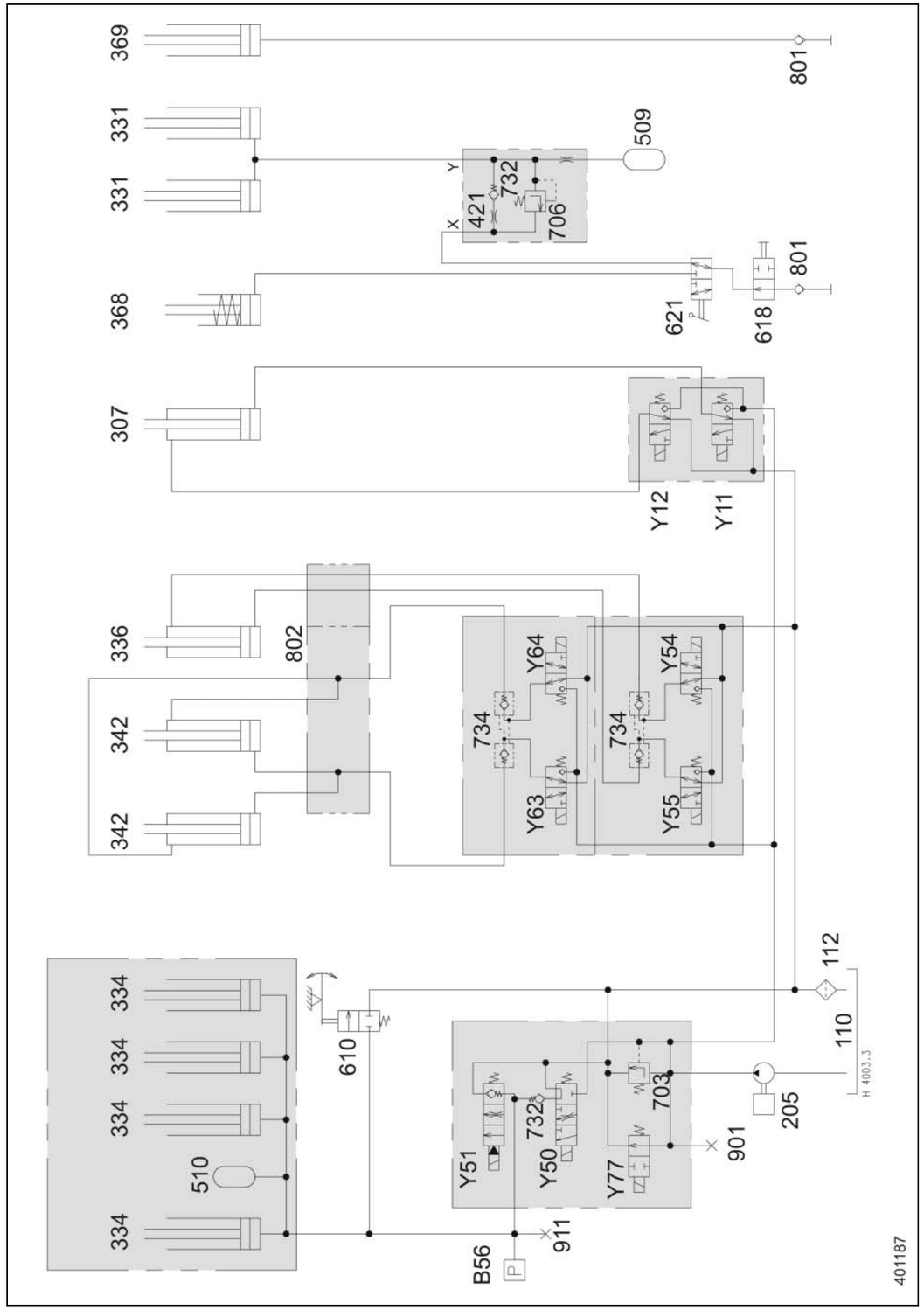
Hydraulic System Circuit Diagram QUADRANT 2200

1.1

Overall hydraulic system circuit diagram

- Rotocut up to serial no. 1166
- Feed rotor up to serial no. 1416

1.1 Overall hydraulic system circuit diagram
Rotocut up to serial no. 1166; - Feed rotor up to serial no. 1416



Key to diagram:

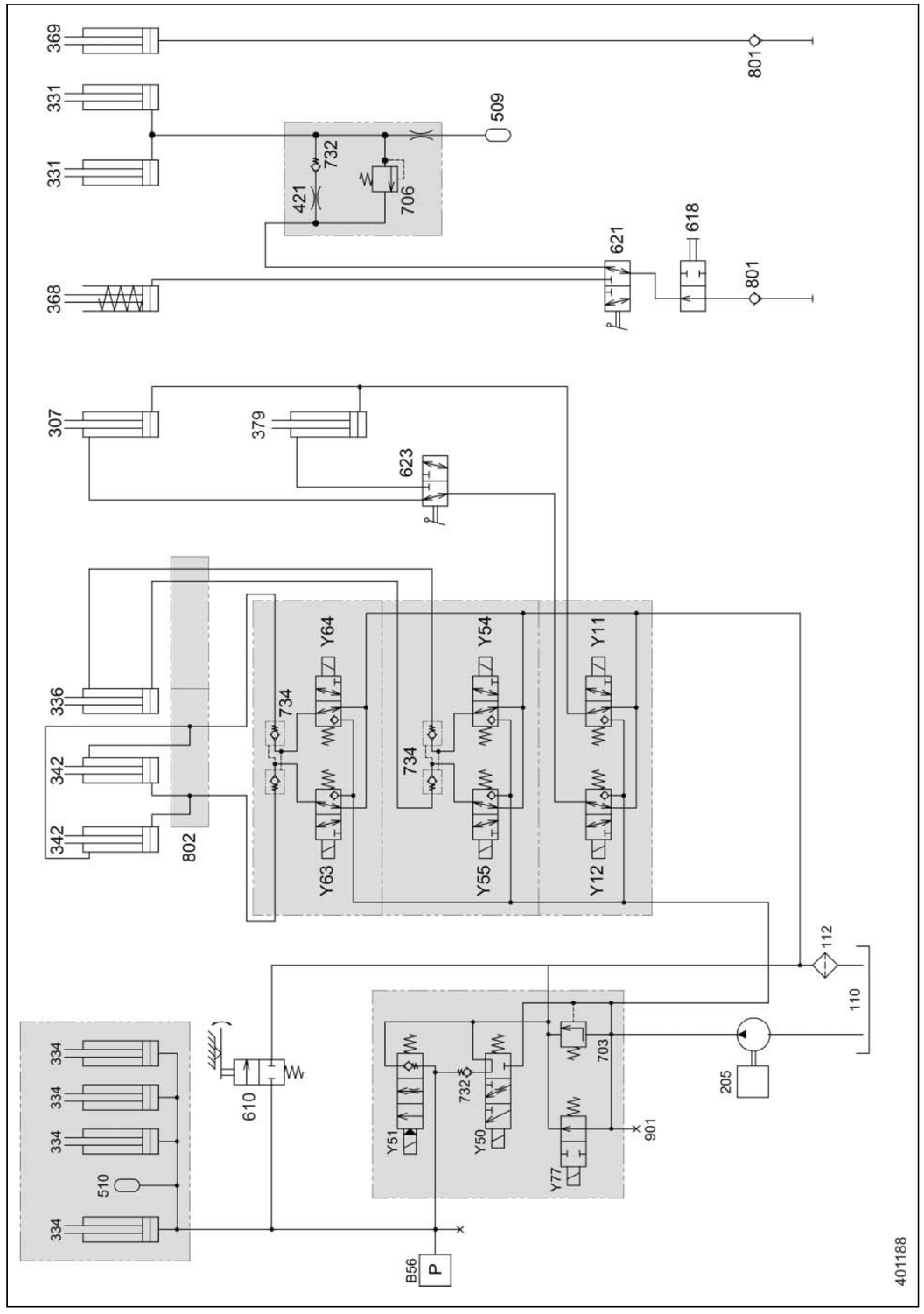
110	Oil tank
112	Return filter
205	Working hydraulics pump, intermediate gearbox, n = 1200 rpm (4 cm^3/rev.)
307	Bale ejector hydraulic cylinder
331	Pick-up hydraulic cylinder
334	Bale chamber hydraulic cylinder
336	ROTOCUT knives hydraulic cylinder
342	Cutting frame hydraulic cylinder
368	Stand hydraulic cylinder
369	Flywheel brake hydraulic cylinder (option)
421	Restrictor
509	Pick-up relief accumulator, approx. 35 bar
510	Baling pressure regulation accumulator 0.7 l, 25 bar
610	Baling pressure overload valve 2/2-way valve
618	Tractor shut-off valve
621	Jack stand / pick-up reversing valve 3/2 way valve
703	Pressure relief valve 220 bar
706	Pressure relief valve approx. 40 bar, pick-up relief
732	Non-return valve
734	Lock-up valve unit
801	Quick release coupling, tractor port, single-acting
802	Manifold block
901	Working hydraulics measuring port (Minimess)
911	Baling pressure measuring port (Minimess)
B56	Baling pressure sensor
Y11	Extend bale ejector cylinder solenoid coil (red)
Y12	Retract bale ejector cylinder solenoid coil (blue)
Y50	Baling pressure build-up solenoid coil
Y51	Baling pressure relief solenoid coil
Y54	ROTOCUT knives OUT solenoid coil (blue)
Y55	ROTOCUT knives IN solenoid coil (blue)
Y63	Open cutting frame solenoid coil (red)
Y64	Close cutting frame solenoid coil (red)
Y77	Master valve solenoid coil

1.2

Overall hydraulic system circuit diagram

- Rotocut from serial no. 1167
- Feed rotor from serial no. 1417

1.2 Overall hydraulic system circuit diagram
Rotocut from serial no. 1167, Feed rotor from serial no. 1417



Key to diagram:

110	Oil tank
112	Return filter
205	Working hydraulics pump, intermediate gearbox, n = 1200 rpm (4 cm^3/rev.)
307	Bale ejector hydraulic cylinder
331	Pick-up hydraulic cylinder
334	Bale chamber hydraulic cylinder
336	ROTOCUT knives hydraulic cylinder
342	Cutting frame hydraulic cylinder
368	Stand hydraulic cylinder
369	Flywheel brake hydraulic cylinder (option)
379	Bale ramp hydraulic cylinder
421	Restrictor
509	Pick-up load relief accumulator approx. 35 bar (75 bar on PFS)
510	Baling pressure regulation accumulator 0.7 l, 25 bar
610	Baling pressure overload valve 2/2-way valve
618	Tractor shut-off valve
621	Jack stand / pick-up reversing valve 3/2 way valve
623	Bale ejector / bale ramp reversing valve
703	Pressure relief valve 220 bar
706	Pressure relief valve approx. 40 bar (80 bar on PFS), pick-up load relief
732	Non-return valve
734	Lock-up valve unit
801	Quick release coupling, tractor port, single-acting
802	Manifold block
901	Working hydraulics measuring port (Minimess)
911	Baling pressure measuring port (Minimess)
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Y11	Extend bale ejector cylinder solenoid coil (red)
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