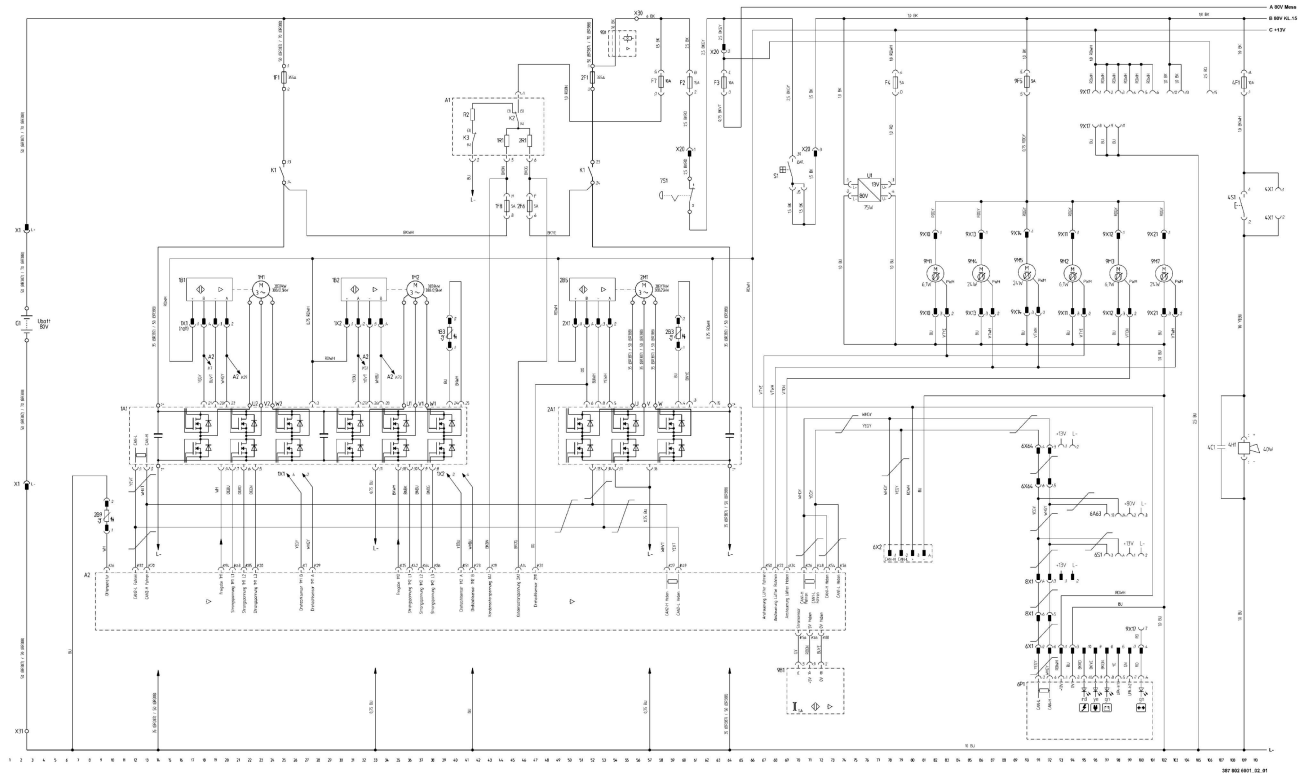


## Basic equipment sheet 01



### Legend

- A1 Charging circuit (6-pin), 40–48
- A2 Combi-controller (154-pin), 8–74
- :A14 — Capacitor voltage 2A1, 46
- :A34 — Fan activation for lifting, 69
- :K7 — Speed sensor 1M1 B, 27
- :K16 — Oil temperature, 10
- :K19 — Capacitor voltage 1A1, 44
- :K20 — Phase voltage 1M1 L3, 23
- :K25 — Enable 1M2, 35
- :K26 — CAN1-H for driving, 70
- :K27 — CAN2-H for lifting, 58
- :K29 — Speed sensor 1M1 A, 28
- :K31 — Speed sensor 2M1, 47
- :K42 — Phase voltage 1M2 L1, 36
- :K48 — CAN1-L for driving, 72
- :K49 — CAN2-L for lifting, 59
- :K50 — Fan activation for driving, 67
- :K51 — Speed sensor 1M2 A, 41
- :K54 — CAN1-H for lifting, 73
- :K56 — Current sensor, 70
- :K63 — Phase voltage 1M1 L1, 21
- :K64 — Phase voltage 1M2 L2, 37
- :K66 — 5 V, lifting
- :K70 — CAN2-H, driving, 13
- :K72 — Fan activation for chassis, 68
- :K73 — Speed sensor 1M2 B, 42
- :K76 — CAN1-L for lifting, 74

	:K85 — Phase voltage 1M1 L2, 22
	:K86 — Phase voltage 1M2 L3, 38
	:K88 — 0 V, lifting
	:K92 — CAN2-L for driving, 12
	:K94 — Enable 1M1, 20
1A1	Output module for driving (29-pin), 11–41
2A1	Output module for lifting (16-pin), 49–65
6A63	FDE unit (14-pin), 96–100
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1B2	Left speed sensor 1M2, 30–34
1B3	Traction motor temperature sensor (2-pin), 39
2B3	Lift motor temperature sensor (2-pin), 59
2B5	Speed sensor 2M1, 50–54
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4C1	Signal horn suppression capacitor 470 nF/400 V, 107
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F3	10-A fuse for discharge indicator, 63
F4	5-A fuse for basic equipment voltage transformer, 78
F7	10-A fuse for discharge circuit, 58
1F1	355-A fuse for driving, 25
1F8	5-A fuse for discharge circuit, 44
2F1	355-A fuse for lifting, 52
2F6	5-A fuse for discharge circuit, 46
4F1	10-A fuse for signal horn, 109
9F5	5-A fuse for fan, 90
G1	Battery, 2
4H1	Signal horn, 109
K1	Main contactor, 25, 52
1M1	Right traction motor, 22–24
1M2	Left traction motor, 35–37
2M1	Pump motor, 55–57
9M1	Fan for driving, right, 81–83
9M2	Fan for driving, left, 93–95
9M3	Lift module fan, 97–99
9M4	Chassis fan, 85–87
9M5	Oil cooling fan, 89–91
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6P1	Display unit (10-pin), 90–101
S1	Key switch, 69–70
4S1	Horn button, 109
6S1	Rotary/push button (4-pin), 96–100
7S1	Control emergency off (2-pin), 60
U1	Voltage transformer (6-pin), 75–78
X1	Battery male connector, 2
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X30	Central positive point, 56
X31	Central negative point, 2
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2X1	4-pin connection assembly 2B5, 50–53
4X1	2-pin connection assembly (additional horn switch connection), 110
6X1	10-pin connection assembly 6P1, 91–100
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8X1	6-pin connection assembly 8B1 (lift height sensor), 91–94
9X10	3-pin connection assembly 9M1, 82–83
9X11	3-pin connection assembly 9M2, 90–91
9X12	3-pin connection assembly 9M3, 94–95
9X13	3-pin connection assembly 9M4, 86–87
9X14	3-pin connection assembly 9M5, 90–91
9X17	15-pin connection assembly (transfer from basic equipment to special equipment), 96–103, 106
9X21	3-pin connection assembly 9M7, 102

#### Wire colours

BK	Black
BN	Brown
BU	Blue
GN	Green
GY	Grey
OG	Orange
RD	Red
VT	Violet
WH	White
YE	Yellow

Wires with unspecified cross-section = 0.5 mm<sup>2</sup>

Main power lines with unspecified colour = BK

**Notes**

- (a) Special equipment
- (b) Wires twisted together
- (c) Diagnostic connector