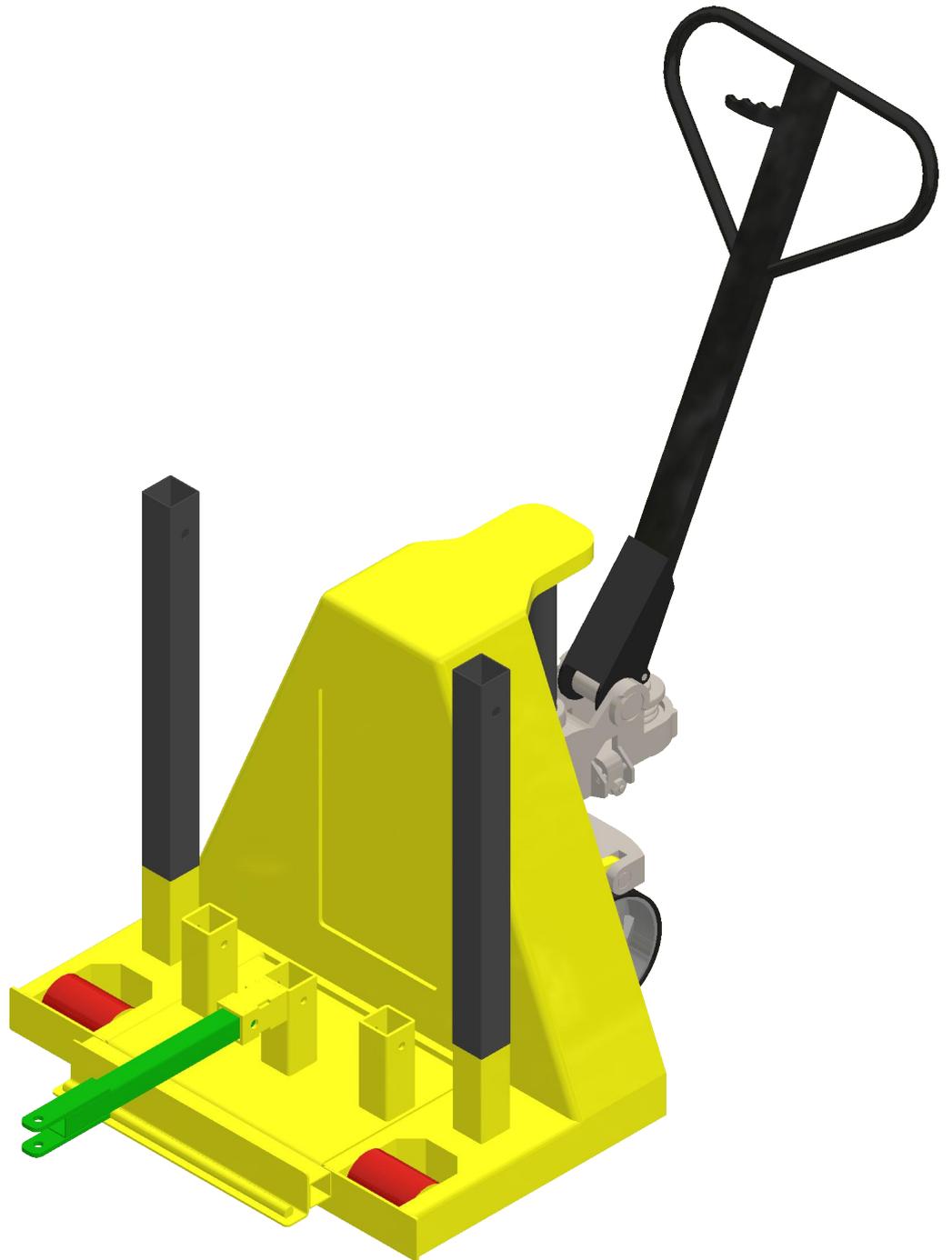
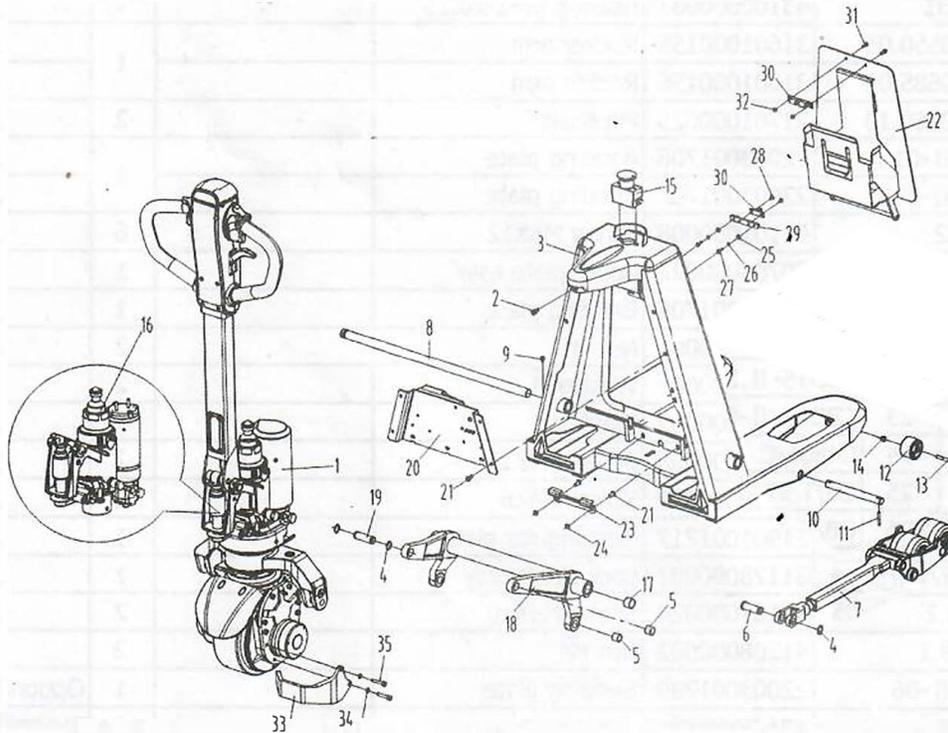


CBD15 TUGGER-AGH  
Liquid Can Truck with Lithium Battery  
● Parts Catalog



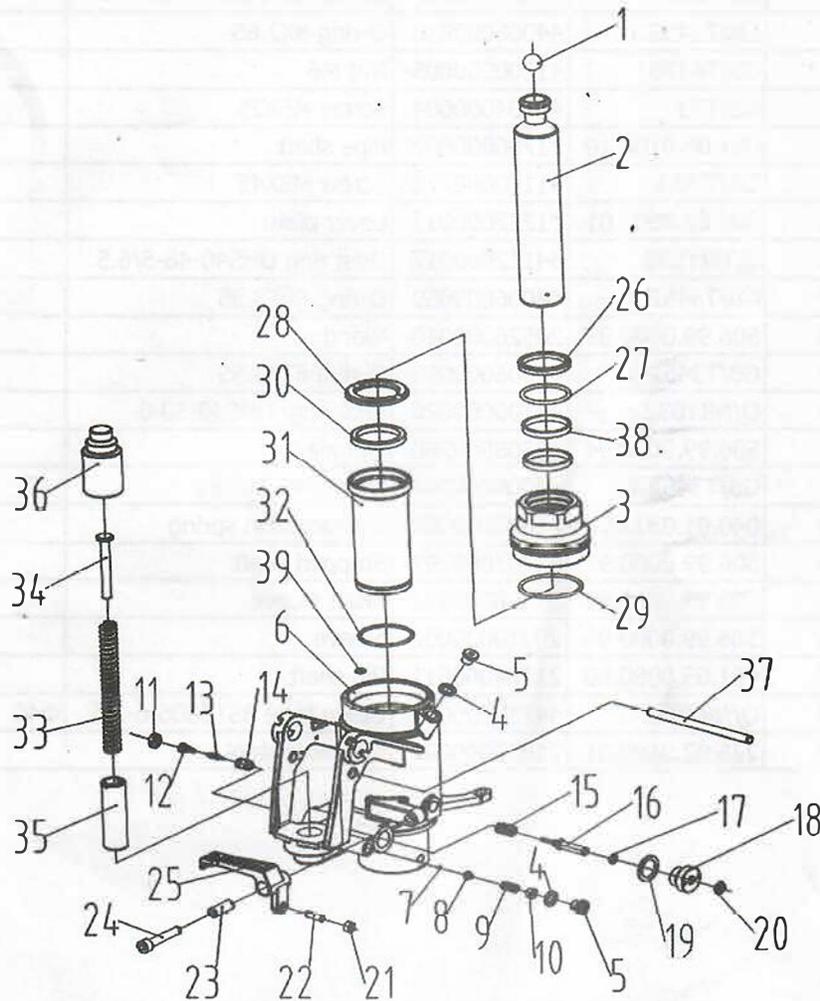
0.00

## General assy CBD15 Tugger



Note	Item No	Drawing NO.	ERP NO.	Part name	Spec.	Q'ty	Remarks
Y	1	053.02.0005.06	30402000151	Steering gear assy		1	See 3.00
	2	GB/T70.1	41100000037	Screw M6X12		1	
	3	CBD15- II .06A-00	30701002277	Truck frame assy	550X1150	1	
		CBD15- II .06A-00	30701002278	Truck frame assy	550X1220		
		CBD15- II .06B-00	30701002279	Truck frame assy	685X1150		
		CBD15- II .06B-00	30701002280	Truck frame assy	685X1220		
	4	GB/T 894.1	41305000008	Retaining ring 16		6	
	5	Q/NRY031	43100000018	Bearing SF-1-16.16		4	
	6	001.05.0160.16	21703000075	Stepped shaft		2	
Y	7	CBD15.16-00	31605001229	Connecting rod and wheel carriage assy	1150 single roller	2	See 4.00
			31605001230	Connecting rod and wheel carriage assy	1150 dual roller		
			31605001252	Connecting rod and wheel carriage assy	1220 single roller		
			31605001253	Connecting rod and wheel carriage assy	1220 dual roller		
	8	001.02.0200.82	21701000116	Pin shaft	550	1	
			21701000117	Pin shaft	685		
	9	GB/T79	41107000003	Screw M8X10		1	
	10	001.01.0160.21	21702000031	Hole pin shaft		2	
	11	GB/T879	41402000022	Pin 5X32		4	
	12	020.04.0050.01	21312000094	Roller		2	
	13	GB/T5782	41001000003	Bolt M6X55		2	
	14	GB/T889.1	41208000005	Nut M6		2	
Y	15	CBD15.01-00	NULL	Electric system		1	See 1.00
Y	16	CBD15.02-00	NULL	Hydraulic system		1	See 2.00

Note	Item No	Drawing NO.	ERP NO.	Part name	Spec.	Q'ty	Remarks
	17	Q/NRY031	43100000031	Bearing SF-1-20.15		4	
	18	141.02.0550.05	31601000155	Rocker arm		1	
		141.02.0685.02	31601000156	Rocker arm			
	19	001.02.0160.10	21701000025	Pin shaft		2	
	20	CBD15- II -01	22003001706	Bending plate		1	
		CBD15- II -01A	22003001707	Bending plate			
	21	GB/T70.2	41101000008	Screw M6X12		6	
	22	CBD15- II .21-00	30703000022	Cover plate assy		1	
	23	CBD15- II -02	22003001708	Bending plate		1	
	24	C4806-C	41218000001	Nut M6		2	
	25	GB/T 97.1	41301000002	Washer 4		2	
	26	GB/T93	41300000002	Washer 4		2	
	27	GB/T 70.1	41100000008	Screw M4X12		2	
	28	GB/T818	41108000009	Screw M4X6		2	
	29	CBD15- II -04	21901001717	Rectangular plate		1	
	30	CBD15- II -05	31128000007	Lock catch assy		1	
	31	GB/T 70.2	41101000024	Screw M4X10		2	
	32	GB/T889.1	41208000002	Nut M4		2	
	33	CBD15- II -06	22003001709	Bending plate		1	Optional
	34	GB/T93	41300000004	Washer 6		2	Optional
	35	GB/T 70.1	41100000047	Screw M6X30		2	Optional

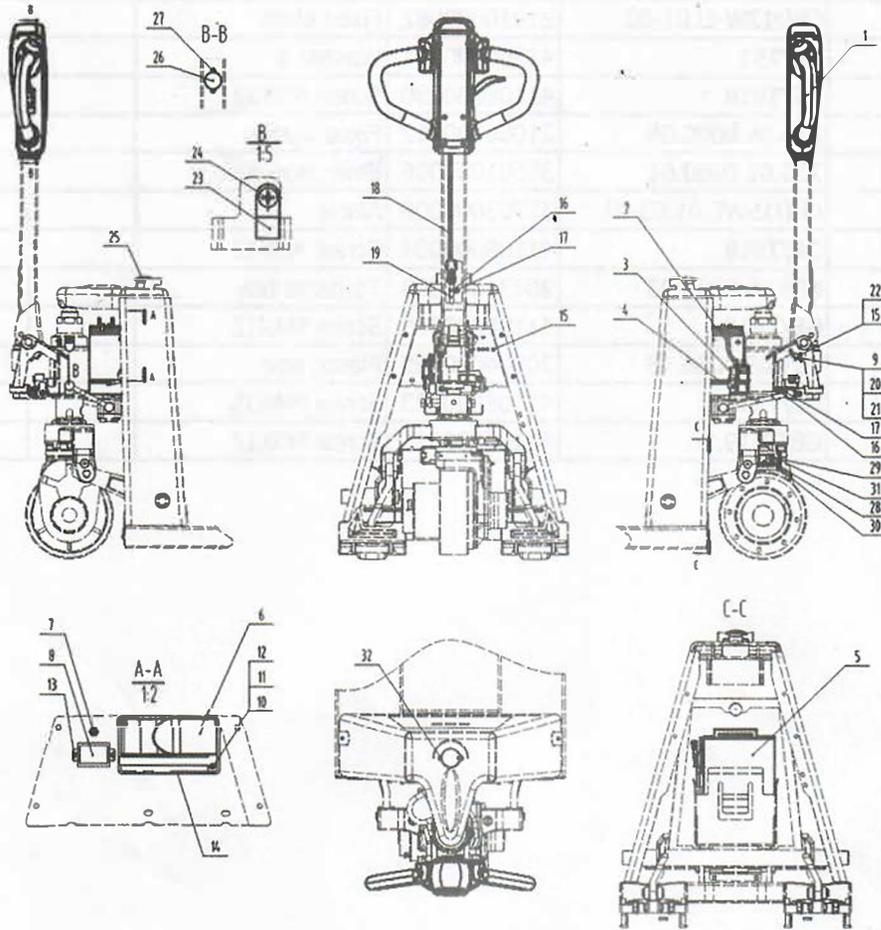


Note	Item No	Drawing NO.	ERP NO.	Part name	Spec.	Q'ty	Remarks
	1	GB/T308	40002000017	Steel ball 19.05		1	
	2	505.01.0400.01	20304000231	Piston rod		1	
	3	506.09.0402.01	20307000024	Hood		1	
	4	JB/T982	44007000005	Combined washer 10		2	
	5	223.02.0010.02	20104000007	Plug		2	
	6	510.01.0400.01	21205000040	Base plate		1	
	7	GB/T308	40002000006	Steel ball 5		1	
	8	506.15.0080.01	21210000006	Ball seat		1	
	9	040.01.0206.06	21605000087	Compression spring		1	
	10	506.16.0100.02	20101000032	Screw		1	
	11	506.16.0140.04	20101000038	Screw		1	
	12	040.01.0111.01	21605000046	Compression spring		1	
	13	506.11.0050.01	20213000003	Valve core		1	
	14	506.12.0050.01	20212000006	Valve body		1	
	15	040.01.0108.01	21605000054	Compression spring		1	
	16	506.04.0080.01	20218000001	Firing pin		1	
	17	GB/3452.1	44006000006	O-ring 6.9X1.8		1	
	18	506.14.0080.02	20104000018	Plug		1	

Note	Item No	Drawing NO.	ERP NO.	Part name	Spec.	Q'ty	Remarks
	19	JB/T982	44007000016	Combined washer 20		2	
	20	GB/T3452.1	44006000010	O-ring 8X2.65		1	
	21	GB/T6170	41200000005	Nut M6		1	
	22	GB/T73	41104000004	Screw M6X25		1	
	23	001.06.0100.10	21706000002	Pipe shaft		1	
	24	GB/T70.1	41100000073	Screw M8X45		1	
	25	506.02.0100.01	21222000017	Lever plate		1	
	26	Q/NRY032	44112000017	Dust ring DHS40-48-5/6.5		1	
	27	GB/T3452.1	44006000059	O-ring 40X3.55		1	
	28	506.99.0000.93	20526000010	Gland		1	
	29	GB/T3452.1	44006000093	O-ring 67X3.55		1	
	30	Q/NRY032	44100000020	Seal ring UHS40-50-6		1	
	31	506.99.0000.94	20308000260	Cylinder		1	
	32	GB/T3452.1	44006000068	O-ring 46.2X2.65		1	
	33	040.01.0312.02	21605000088	Compression spring		1	
	34	506.99.0000.97	21703000299	Stepped shaft		1	
	35	506.99.0000.95	21810000151	Shaft sleeve		1	
	36	506.99.0000.96	20310000002	Sleeve		1	
	37	001.03.0080.60	21704000011	Pin shaft		1	
	38	Q/NRY032	44115000003	Guide tape BST5806-6-2.5	Φ40	2	
	39	225.02.0100.01	21925000002	Magnetic steel		1	

1.00

## Electric system (CBD15.01-00)



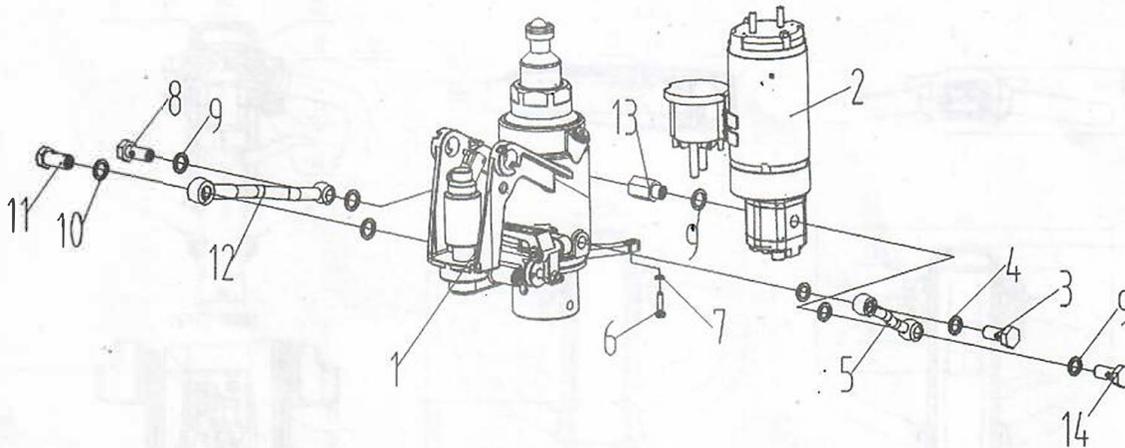
Note	Item No	Drawing NO.	ERP NO.	Part name	Spec.	Q'ty	Remarks
Y	1	740.01.0009.01	30910000027	Handle		1	See 1.01
	2	CBD12W-Li.01.02-03	35404000058	Power line		1	
	3	761.02.2080.01	35902000025	Contacto		1	
	4	226.02.0800.01	21009000044	Hoop		1	
	5	718.24.0020.02	35304000066	Li-battery		1	
	6	CBD15.01-01	35105000025	Permanent magnet brush controller		1	
	7	835.08.0005.01	20422000001	Diode seat		1	
	8	733.01.0224.02	35503000043	Instrument		1	
	9	730.12.0201.02	35612000010	Microswitch		1	
	10	GB/T818	41108000020	Screw M4X25		2	
	11	GB/T93	41300000002	Washer 4		2	
	12	GB/T97.1	41301000002	Washer 4		5	
	13	GB/T6170	41200000001	Nut M3		2	
	14	CBD15.01-02	21915000242	Base plate		1	
	15	GB/T818	41108000007	Screw M3X25		4	
	16	GB/T818	41108000011	Screw M4X8		2	
	17	835.05.0000.02	21006000009	Fixed button		2	
	18	CBD15.01.02-02	35401000325	Handle harness		1	
	19	CBD15.01.02-01	35401000324	Truck body harness		1	

Note	Item No	Drawing NO.	ERP NO.	Part name	Spec.	Q'ty	Remarks
	20	CBD12W-Li.01-03	21912000035	Spacer		1	
	21	CBD12W-Li.01-02	21910000082	Fixed plate		1	
	22	GB/T93	41300000001	Washer 3		2	
	23	GB/T818	41108000030	Screw M5X12		1	
	24	835.05.0000.05	21006000012	Fixed button		1	
	25	730.01.0080.01	35601000006	Emer.stop switch		1	
	26	CBD15WE.01.03-02	35703000008	Alarm		1	
	27	GB/T818	41108000004	Screw M3X12		2	
	28	835.06.0003.03	20431000003	Terminal box		1	
	29	GB/T818	41108000015	Screw M4X12		5	
	30	263.05.0000.43	20504000005	Plastic box		1	
	31	GB/T818	41108000023	Screw M4X35		2	
	32	GB/T819.1	41109000015	Screw M5X12		2	

2.00

Hydraulic system (CBD15.02-00)

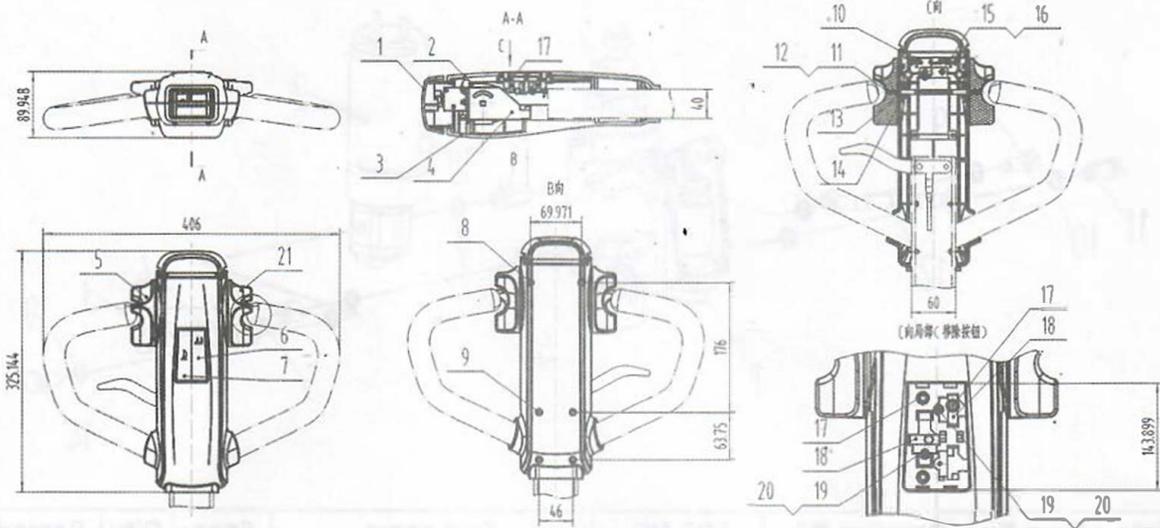
See 0.00-16



Note	Item No	Drawing NO.	ERP NO.	Part name	Spec.	Q'ty	Remarks
Y	1	490.03.1400.01	31001000128	Pump assy		1	See 2.01
Y	2	CBD15.02.01-00	30218000024	Motor pump assy		1	See 2.02
	3	428.00.0012.01	20313000165	Joint		1	
	4	JB/T982	44007000006	Combined washer 12		2	
	5	401.05.1282.01	31015000138	Rigid pipe assy		1	
	6	GB/T5783	41002000007	Bolt M6X20		2	
	7	GB/T93	41300000004	Washer 6		2	
	8	428.00.0082.01	20313000178	Joint		1	
	9	JB/T982	44007000022	Combined washer G1/4		5	
	10	JB/T982	44007000007	Combined washer 14		2	
	11	428.00.0014.02	20313000167	Joint		1	
	12	401.05.1482.01	31015000139	Rigid pipe assy		1	
	13	420.09.8282.01	20313000087	Joint		1	
	14	428.00.0082.02	20313000251	Joint		1	

1.01

## Handle (740.01.0009.01)

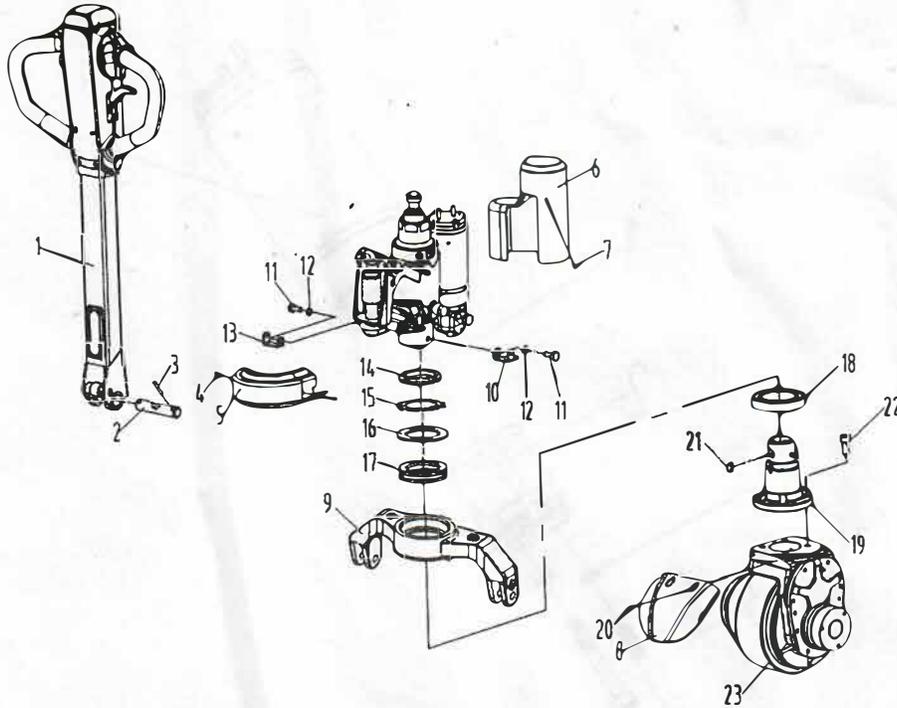


Note	Item No	Drawing NO.	ERP NO.	Part name	Spec.	Q'ty	Remarks
	1	263.01.0000.04	20403000002	Emer.stop button		1	
	2	263.05.0000.10	30916000003	Upper cover assy		1	
	3	263.05.0000.11	30917000003	Lower cover assy		1	
	4	741.01.2401.01	35501000003	Accelerator assy		1	
	5	263.01.0000.05	20409000001	Right wing rotary knob		1	
	6	263.01.0000.23	20401000005	Button		1	
	7	263.01.0000.07	20407000002	Horn button		1	
	8	GB/T70.1	41100000013	Screw M4X40		2	
	9	GB/T70.1	41100000015	Screw M4X50		4	
	10	040.01.0108.04	21605000052	Compression spring		2	
	11	GB/T818	41108000004	Screw M3X12		2	
	12	GB/T862.2	41313000001	Washer 3		2	
	13	263.99.0000.28	21808000031	Bush		2	
	14	263.99.0000.38	21816000005	Guard sleeve		2	
	15	GB/T70.1	41100000005	Screw M4X8		4	
	16	GB/T93	41300000002	Washer 4		4	
	17	040.01.0108.05	21605000053	Compression spring		3	
	18	740.99.0007.02	35612000017	Microswitch		2	
	19	GB/T845	41113000003	Screw ST2.9X6.5		2	
	20	263.99.0000.24	20418000021	Insert		2	
	21	263.01.0000.22	20409000004	Left wing rotary knob		1	

3.00

Steering gear assy (053.02.0005.06)

See 0.00-1

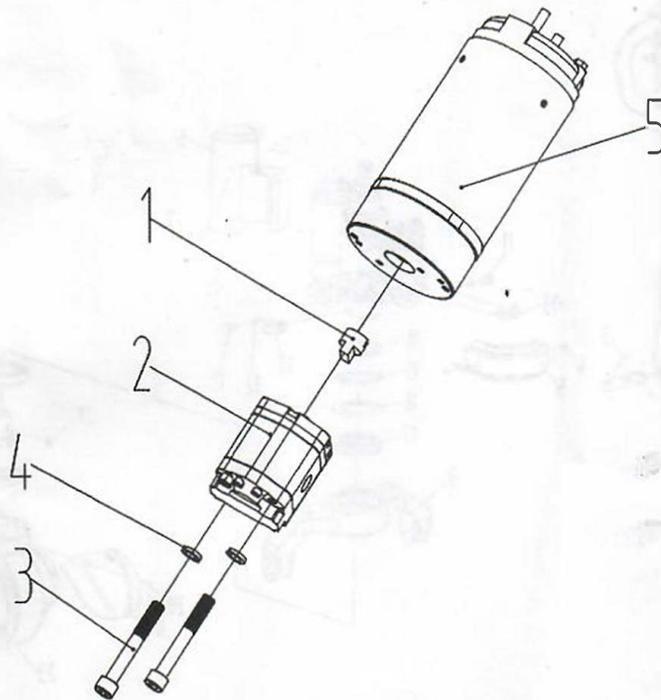


Note	Item No	Drawing NO.	ERP NO.	Part name	Spec.	Q'ty	Remarks
Y	1	056.02.0107.09	30905000122	Tiller assy		1	See 3.01
	2	001.01.0200.18	21702000052	Hole pin shaft		1	
	3	GB/T 879.1	41402000022	Pin 5X32		2	
	4	GB/T 818	41108000016	Screw M4X12		2	
	5	263.04.0000.07	20521000002	Housing		1	
	6	263.04.0000.08	20521000003	Housing		1	
	7	GB/T 818	41108000029	Screw M5X10		2	
	8	263.99.0000.43	20511000002	Gland		1	
	9	066.02.0200.02	21213000062	Support seat		1	
	10	065.05.0000.14	22003000021	Right bending plate		1	
	11	GB/T 5783	41002000012	Bolt M8X20		2	
	12	GB/T 93	41300000005	Washer 8		2	
	13	065.05.0000.15	22003000022	Left bending plate		1	
	14	GB/T 810	41212000001	Nut M60X2		1	
	15	GB/T 858	41309000007	Washer 60		1	
	16	220.01.0650.01	21809000062	Washer		1	
	17	GB/T 301	43010000026	Bearing 51113		1	
	18	GB/T 276	43001000084	Bearing 6013-2RS		1	
	19	060.07.0000.08	21207000007	Pedestal		1	
	20	GB/T 70.1	41100000007	Screw M4X10		2	
	21	GB/T 1096	42001000022	Flat key A-8X7X14		1	
	22	GB/T 70.1	41100000094	Screw M10X20		4	
	23	082.01.0210.02	30304000013	Driving wheel with horizontal mounted motor assy		1	

2.02

Motor pump assy (CBD15.02.01-00)

See 2.00-2

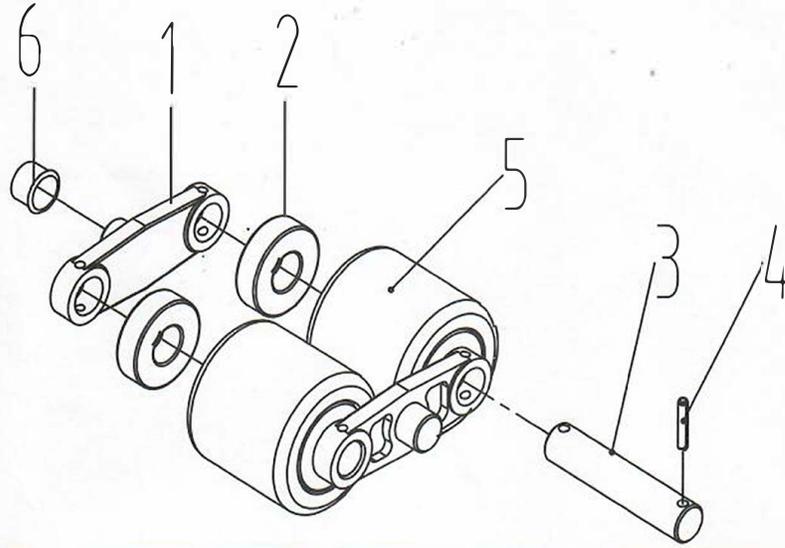


Note	Item No	Drawing NO.	ERP NO.	Part name	Spec.	Q'ty	Remarks
	1	CBD12W-Li.02.01B-01	21812000014	Coupling sleeve		1	
	2	480.01.0004.01	30218000023	Gear pump		1	
	3	GB/T70.1	41100000034	Screw M5X70		2	
	4	GB/T93	41300000003	Washer 5		2	
	5	701.24.0050.01	35205000048	DC motor		1	

4.01

Dual roller assy (010.01.2080.08)

See 4.00-10

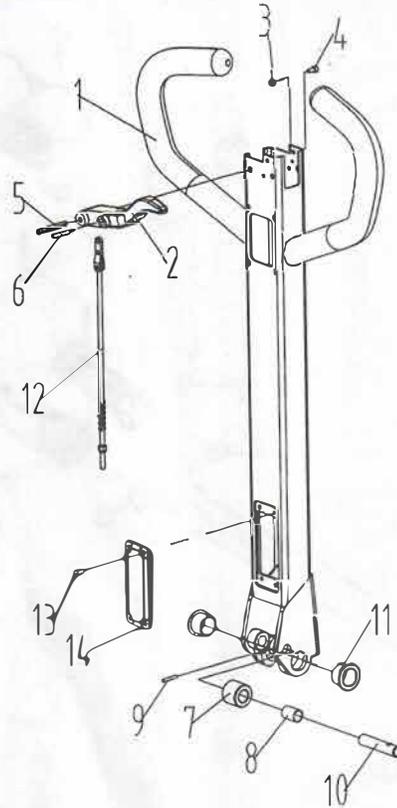


Note	Item No	Drawing NO.	ERP NO.	Part name	Spec.	Q'ty	Remarks
	1	012.01.0000.02	21221000009	Support plate		2	
	2	GB/T276	43001000028	Bearing 6204-RS		4	
	3	001.01.0200.15	21702000049	Hole pin shaft		2	
	4	GB/T879	41402000022	Pin 5X32		4	
	5	020.21.0080.02	21312000152	Roller		2	Red
	6	Q/NRY031	43101000006	Bearing SF-1F-180.120		2	

3.01

Tiller assy (056.02.0107.09)

See 3.00-1

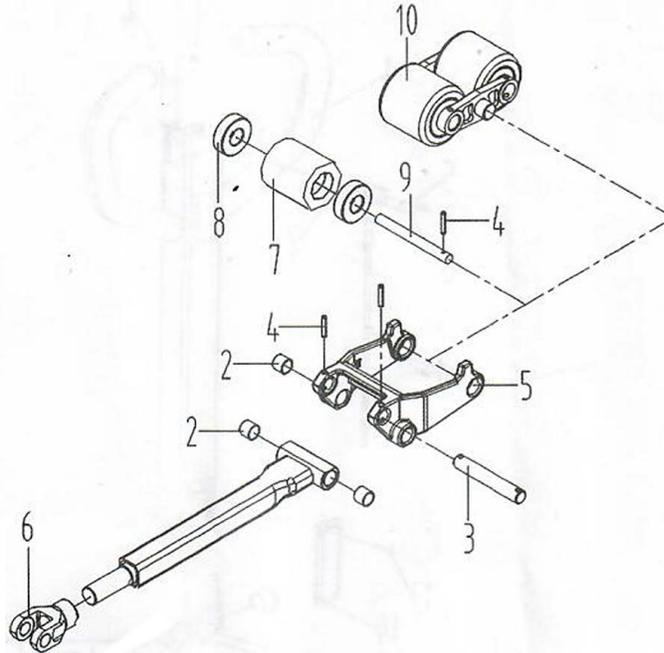


Note	Item No	Drawing NO.	ERP NO.	Part name	Spec.	Q'ty	Remarks
	1	056.02.0107.10	30909000006	Rubber wrapped handle		1	
	2	234.02.0000.04	21405000004	Knob		1	
	3	GB/T889.1	41208000002	Nut M4		1	
	4	GB/T70.1	41100000005	Screw M4X8		1	
	5	GB/T879	41402000038	Pin 6X40		1	
	6	GB/T879	41402000010	Pin 4X25		1	
	7	020.01.0026.02	21312000006	Roller		1	
	8	Q/NRY031	43100000009	Bearing SF-1-12.20		1	
	9	GB/T879.1	41402000009	Pin 4X20		1	
	10	001.01.0120.50	21702000013	Hole pin shaft		1	
	11	Q/NRY031	43101000016	Bearing SF-1F-200.165		2	
	12	310.02.0000.13	30915000002	Pull rod assy		1	
	13	GB/T818	41100000005	Screw M4X8		4	
	14	263.05.0000.46	20517000012	Plastic cover		1	Grey

4.00

Connecting rod and wheel carriage assy (CBD15.16-00)

See 0.00-7



Note	Item N	Drawing NO.	ERP NO.	Part name	Spec.	Q'ty	Remarks
	1	140.01.0101.08	31603000134	Connecting rod assy (1150)		1	
			31603000135	Connecting rod assy (1220)			
	2	Q/NRY031	43100000019	Bearing SF-1-16.20		2	
	3	001.01.0160.10	21702000023	Hole pin shaft		1	
	4	GB/T879	41402000022	Cylindrical pin 5X32	Single roller	3	
	5	012.07.0000.16	21306000022	Wheel carriage (85mm)		1	
			21306000023	Wheel carriage(75mm)			
	6	143.10.0000.10	21106000021	Joint		1	
	7	020.21.0080.01	21312000148	Roller	single roller /85mm $\phi$ 80	1	
	8	GB/T276	43001000026	Ball bearing 6204-2RS	Single roller	2	
	9	001.01.0200.27	21702000059	Hole pin shaft	Single roller	1	
Y	10	010.01.2080.08	31302000053	Dual roller assy	Dual roller/85mm $\phi$ 80 red	1	See 4.01