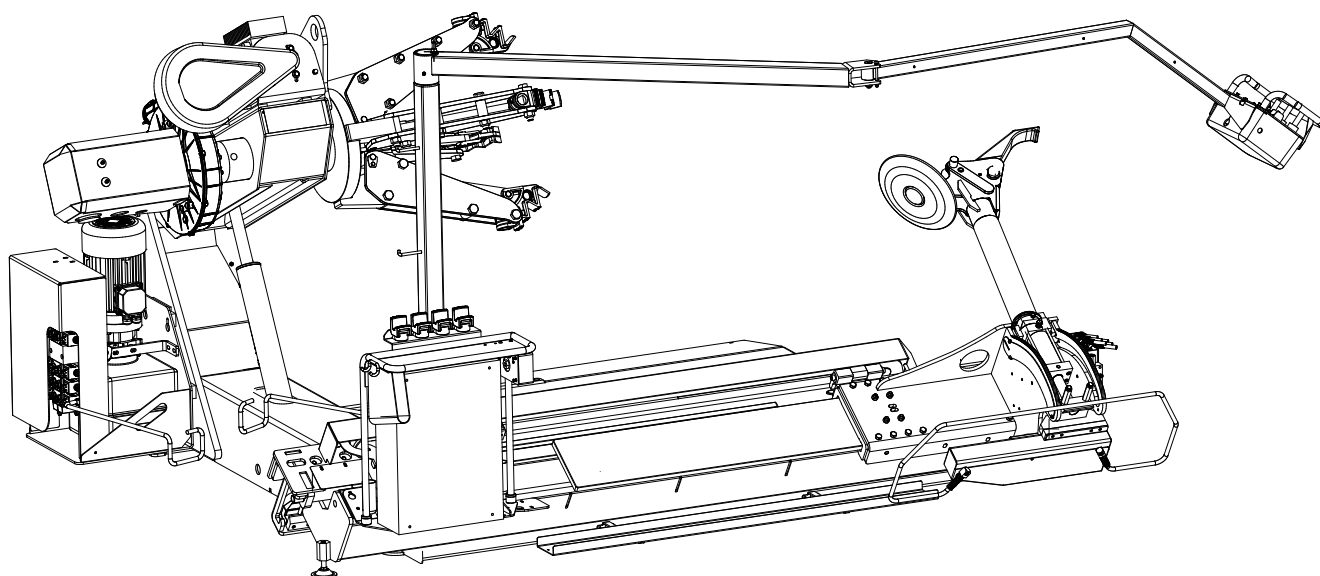


TBE 160 TERRA

Pezzi di ricambio / Spare parts list



Code: 4-329811H

Production date: 06 / 2014



info@mondolfoferro.it - www.mondolfoferro.it

I

Sul presente documento sono stati evidenziati con colore grigio i ricambi consigliati e indicati in grassetto i codici che sono variati rispetto a quelli riportati nella precedente versione del 06/13

EN

In this document, the recommended spare parts have been highlighted in gray, while in bold you find those codes which are different if compared with the previous version dated 06/13

DE

Im vorliegenden Dokument wurden die empfohlenen Ersatzteile in grauer Farbe hervorgehoben; die Teilenummern in Fettdruck haben sich beziehend auf die vorherige Version vom 06/13 geändert.

FR

Dans ce document, les pièces de rechange préconisées sont soulignées en gris, tandis que les références différentes par rapport à la version précédente du 06/13 sont en gras

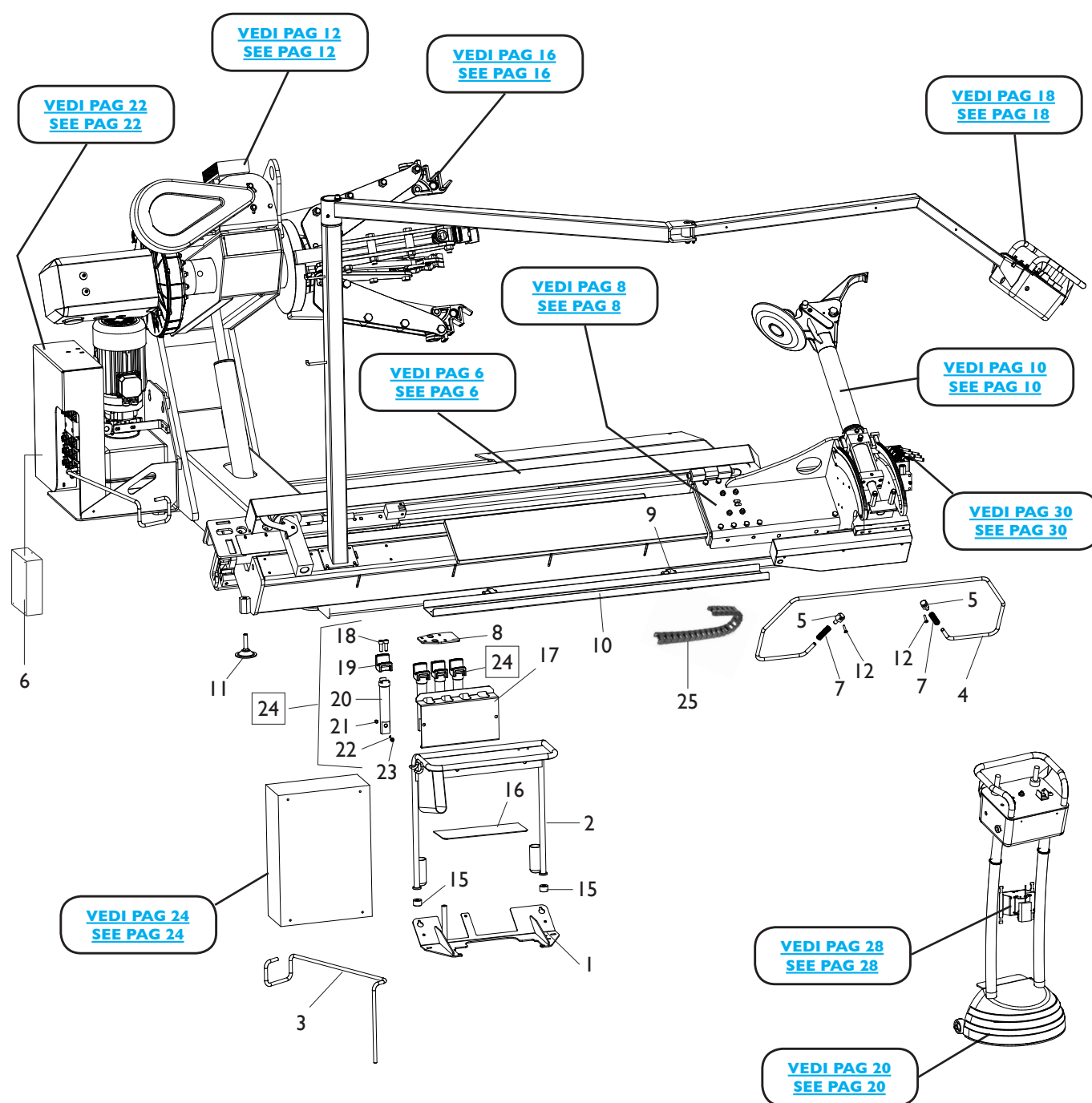
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COMPLESSIVO TBE I60 TERRA

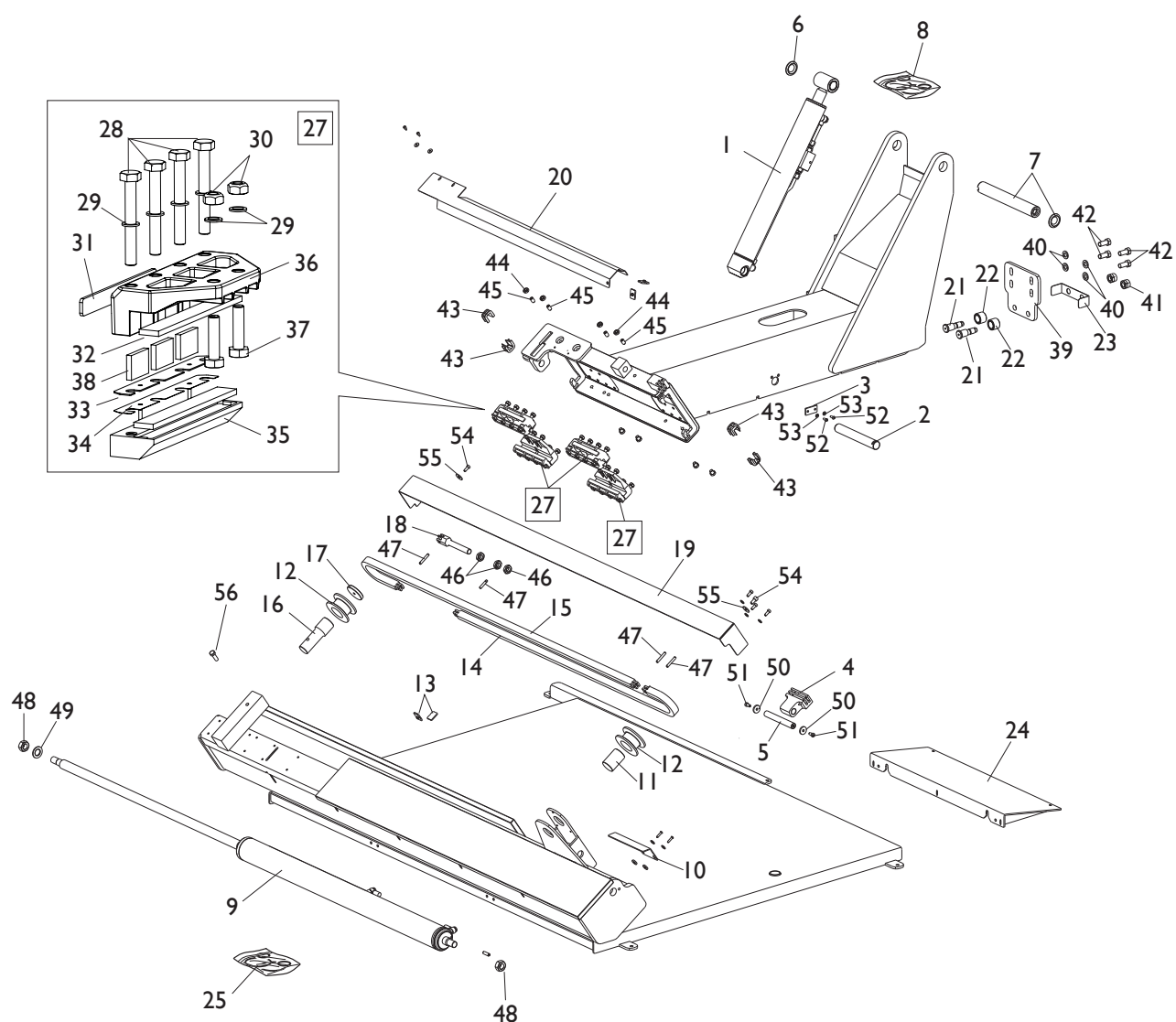
TBE I60 TERRA OVERALL



Rif. Ref.	Codice Code	Descrizione	Description
1	4-329909	MENSOLA SUPPORTO IMP. ELETTRICO	ELECTRIC SYSTEM BRACKET
2	4-326928	SUPPORTO IMP. ELETTRICO	ELECTRIC SYSTYM SUPPORT
3	36020076	SUPPORTO TUBI IDRAULICI	HYDRAULIC HOSE SUPPORT
4	4-330321	TUBO PROTEZIONE	HOSE PROTECTION
5	4-326918	SUPPORTO MANILGIA	PORTECTION SUPPORT
6	5-103237	AUTOTRASFORMATORE 200-208-230V	AUTOTRANSFORMER 200-208-230V
7	436490	MOLLA D.19X62X3,5	SPRING D.19X62X3,5
8	4-110631	LAMIERA FISS.ATTACCO CATENA	CHAIN PLATE
9	4-329891	STAFFA SUPPORTO CANALINA	BRACKET
10	4-329907	CARTER CANALINA PORTA TUBI	HOSE HOLDER
11	259031	PIEDE	FOOT
12	2-80166	VTSPEI M6X30	SCREW M6X30
15	4-115910	DISTANZIALE D.30X20	SPACER D.30X20
16	334842	RETTANGOLO GOMMA	RUBBER SUPPORT
17	4-130127	SUPPORTO PROLUNGHE	EXTENTION SUPPORT
18	2-80017	VTCEI M10X30	HEX. SOCKET HEAD SCREW M10X30
19	3006012	GRIFFA	TOOL
20	4-330023	PROLUNGA 60"	EXTENTION 60"
21	4-130128	GANCIO GRIFFA	HOOK
22	401627	MOLLA D.7,6X0,8X18	SPRING D.7,6X0,8X18
23	2-03503	VSTEI M12X10	SCREW M12X10
24	5-300858	GRIFFA 60" COMPLETA	EXTENTION ASSEMBLY
25	4-330164	CATENA PORTACAVI	HOLDER CABLE

GR. BRACCIO - BASAMENTO

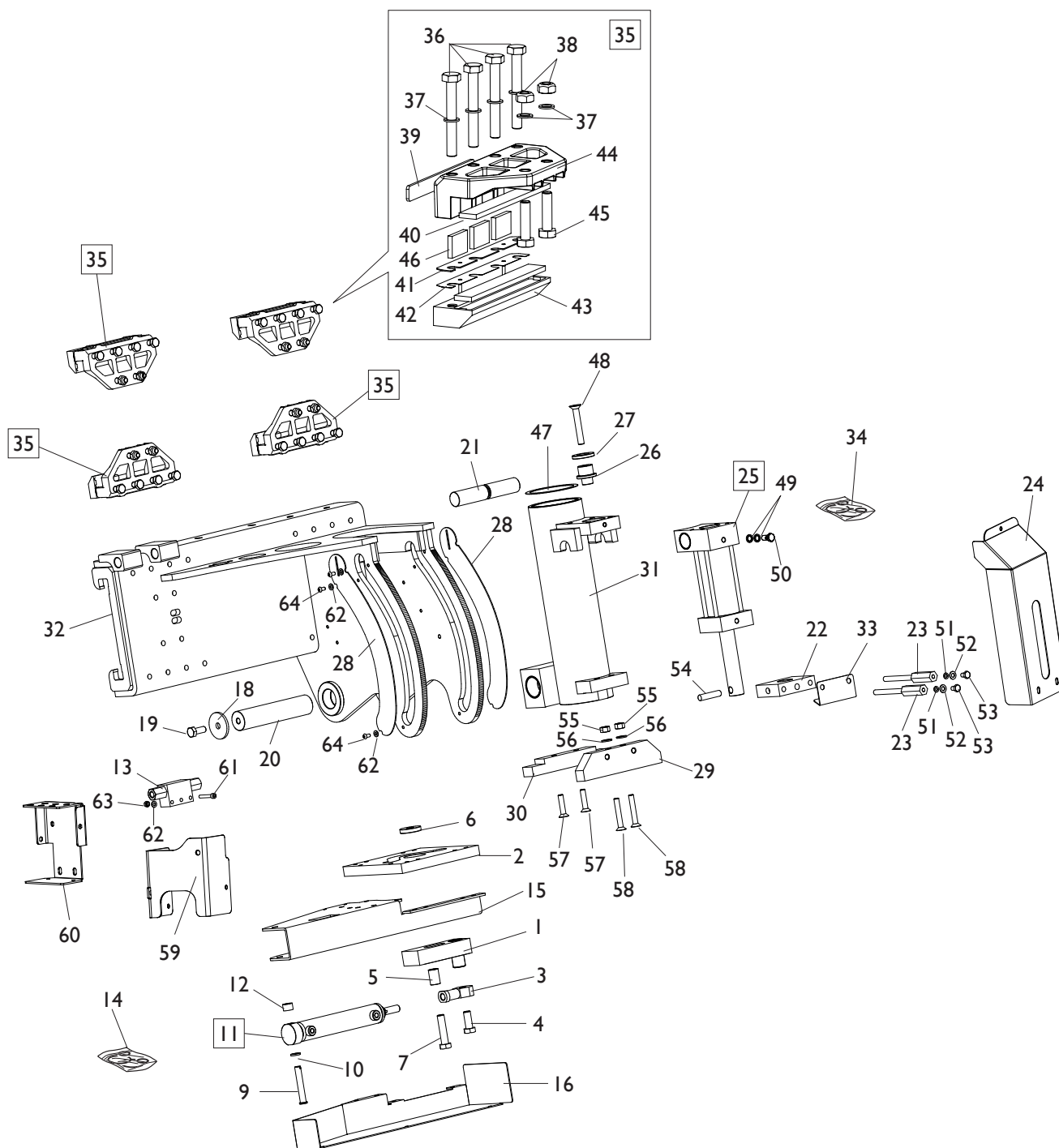
ARM GROUP - BASE



[TORNA AL COMPLESSIVO](#)
[RETURNS TO OVERALL](#)

Rif. Ref.	Codice Code	Descrizione	Description
1	5-300833/90	CILINDRO BRACCIO MANDRINO	ARM CYLINDER ASSEMBLY
2	4-329827	PERNO INC. BRACCIO MANDRINO	CYLINDER PIN
3	36013287	PIASTRINO ANTIGIRO	STOP PLATE
4	4-109345	SUPPORTO CATENA	CHAIN SUPPORT
5	4-109344	PERNO D.20X150	PIN D.20X150
6	4-110024	BOCC. FISS. FILO ENCODER D.50X65X12	FIXING BUSH FOR ENCODER WIRE
7	5-104071	PERNO CON GHIERA	PIN WITH NUT
8	4-115102	KIT GUARNIZIONI CIL. BR. MANDRINO	ARM CYLINDER SEAL KIT
9	5-120394	CILINDRO COMPLETO D.85 C.1060	CYLINDER ASSEMBLY D.85
10	4-329589	LAMIERA SOSTEGNO SALVAPIEDE	SUPPORT
11	4-329692	PERNO PULEGGIA CORTO	SHORT PIN
12	5-103301	PULEGGIA CON BOCCOLA	PULLEY WITH BUSH
13	4-329541	TASSELLO D.27X36X4,5	INSERT D.27X36X4,5
14	4-109357	CATENA INFERIORE	LOWER CHAIN
15	4-329681	CATENA SUPERIORE	UPPER CHAIN
16	4-329691	PERNO PULEGGIA LUNGO	LONG PIN
17	4-329694	RONDELLA D.10,1X70X11,5	WASHER D.10,1X70X11,5
18	4-329689	FORCELLA TENDICATENA	TENSOR CHAIN
19	4-329683	CARTER PULEGGE	PULLEY COVER
20	4-108992	LAMIERA CARTER CILINDRO D.85	CYLINDER COVER
21	4-329833	PERNO ECCENTRICO RUOTA	ECCENTRIC PIN
22	5-300913	KIT RUOTE CON BOCCOLE (2 PZ)	WHEEL KIT WITH BUSH (2 PIECES)
23	4-329831	CARTER PROTEZIONE RUOTA	WHEEL PROTECTION
24	4-329999	RAMPA DI SALITA	RAMP
25	298120	KIT GUARNIZIONI CIL. D.85 CORSA 1060	SEALS KIT CYLINDER D.85
27	5-105617	PATTINO COMPLETO	SLIDE ASSEMBLY
28	2-03577	VTE 1/2F M10X80	HEXAGON HEAD SCREW 1/2F M10X80
29	2-03633	RONDELLA D.10	WASHER D.10
30	2-02070	DADO ES.A. M10	AUTOLOCKING HEXAGON NUT M10
31	4-329843	PIATTO DI RISCOTRO	PLATE
32	4-116471	INSERTO	INSERT
33	4-116469	RASAMENTO PATTINO 1mm	SLIDE SHIM 1mm
34	4-117772	RASAMENTO PATTINO 1,5mm	SLIDE SHIM 1,5mm
35	5-105621	PATTINO INFERIORE	LOWER SLIDE
36	5-105622	PATTINO SUPERIORE	UPPER SLIDE
37	2-01073	VTE 1/2F M10X40	HEXAGON HEAD SCREW 1/2F M10X40
38	4-116476	INSERTO INTERMEDIO D.23,2X35X5	INSERT D.23,2X35X5
39	4-329834	SUPPORTO RUOTE DI SOSTEGNO	WHEEL SUPPORT
40	2-01045	RONDELLA D.16	WASHER D.16
41	2-03436	DADO ES.A. M20X1,5	AUTOLOCKING HEX. NUT M20X1,5
42	2-01901	VTCEI M16X40	HEX. SOCKET HEAD SCREW M16X40
43	4-329542	RASCHIATORE	SCRAPER
44	2-91640	DADO ES. M12	HEXAGON NUT M12
45	2-72012	VSTEI M12X25	SCREW M12X25
46	2-01128	DADO ES. M20	HEXAGON NUT M20
47	4-109346	PERNO FISSAGGIO CATENA D.8	CHAIN PIN D.8
48	2-03591	DADO ES.A. M24X2	AUTOLOCKING HEXAGON NUT M24X2
49	4-329612	RONDELLA D.25,2X45X3	WASHER D.25,2X45X3
50	312873	RONDELLA D.10X30X4	WASHER D.10X30X4
51	2-02172	VTCEI M10X16	HEX. SOCKET HEAD SCREW M10X16
52	2-80125	VTBEI M8X25	SCREW M8X25
53	2-00212	RONDELLA D.8	WASHER D.8
54	2-01985	VTCEI M10X20	HEX. SOCKET HEAD SCREW M10X20
55	3-00699	RONDELLA D.10,7X16,6X2,5	WASHER D.10,7X16,6X2,5
56	2-02045	VTCEI M12X20	HEX.SOCKET HEAD SCREW M12X20

GRUPPO CARRELLO
CARRIAGE GROUP

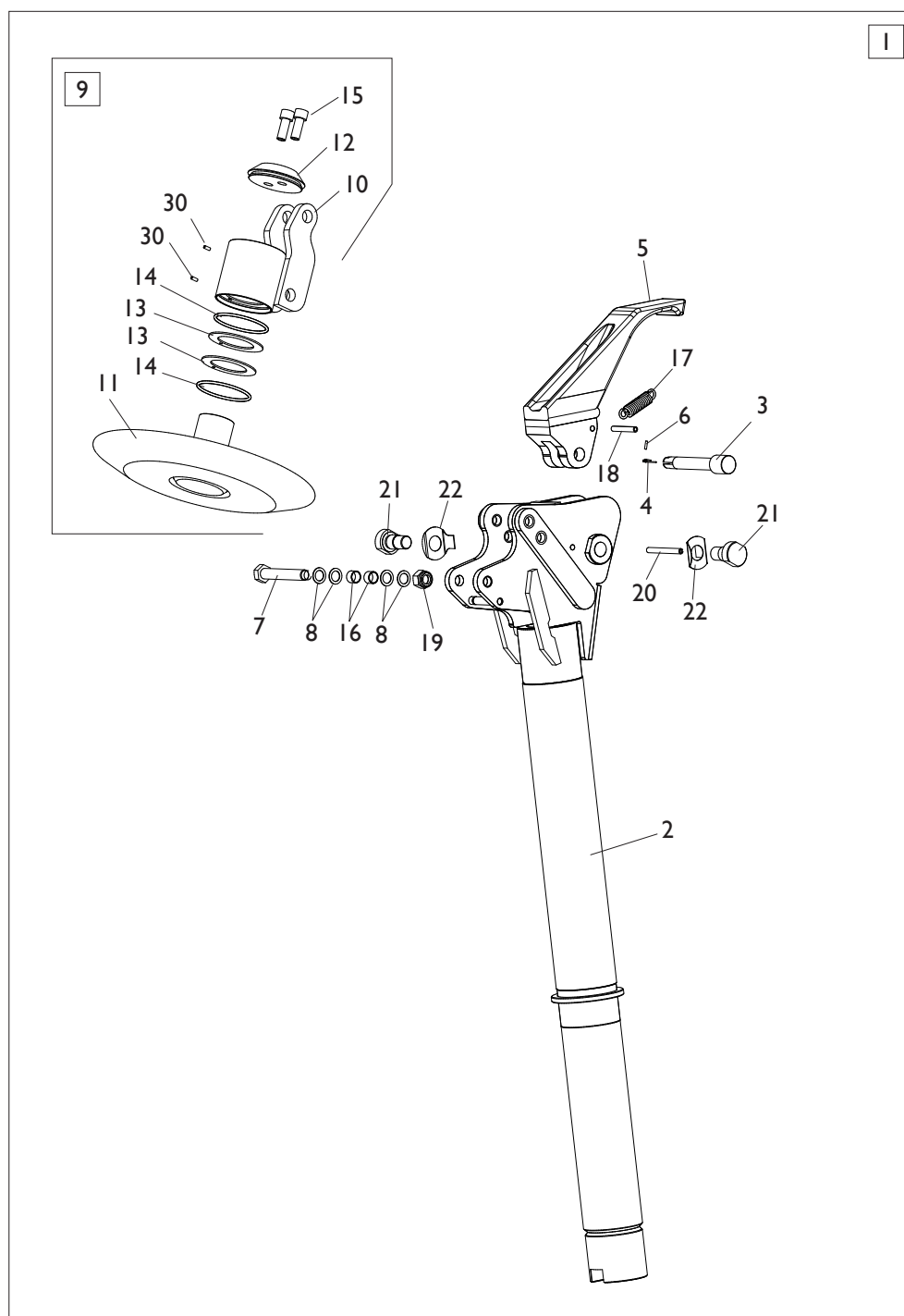


Ref.	Code	Descrizione	Description
1	4-329785	PIASTRA RITEGNO	PLATE
2	4-329896	PIASTRA ROTAZIONE	ROTATING PLATE
3	4-329916	SNODO M14	JOINT M14
4	2-03602	VTE M14X35	HEXAGON HEAD SCREW M14X35

TORNA AL COMPLESSIVO
RETURNS TO OVERALL

Ref.	Code	Descrizione	Description
5	4-329784	DISTANZIALE D.20X30,6	SPACER D.20X30,6
6	4-329782	RONDELLA D.14,2X43X8	WASHER D.14,2X43X8
7	2-03601	VTE M14X1,5X60	HEXAGON HEAD SCREW M14X1,5X60
9	4-329780	PERNO ROTAZIONE CILINDRO	CYLINDER PIN
10	4-329783	RONDELLA D.12,5X20X12,7	WASHER D.12,5X20X12,7
11	5-300824/90	CILINDRO ROTAZIONE UTENSILE	TOOL CYLINDER ROTATING
12	4-329781	RONDELLA ALTA D.12,5X20X12,7	HIGH WASHER D.12,5X20X12,7
13	442912	VALVOLA DI BLOCCO PILOTATA	VALVE
14	298116	KIT GUARNIZIONI CIL. ROT. UTENSILE	SEALS KIT FOR ROTATING CYLINDER
15	4-329895	LAMIERA SOSTEGNO CILINDRO	CYLINDER PLATE
16	4-329894	COPERTURA CILINDRO	CYLINDER COVER
18	4-329883	RONDELLA D.12,5X55X5	WASHER D.12,5X55X5
19	2-80043	VTE M12X30	HEXAGON HEAD SCREW M12X30
20	4-329884	PERNO FULCRO CARRELLO	FULCRUM PIN
21	4-329885	PERNO GUIDA	GUIDE PIN
22	4-329886	SUPPORTO CILINDRO SOLLEVAMENTO	SUPPORT CYLINDER LIFTING
23	4-329903	DISTANZIALE	SPACER
24	4-112960	CARTER CILINDRO SOLLEVAMENTO	LIFTING CYLINDER COVER
25	5-103303	CILINDRO SOLLEVAMENTO	CYLINDER LIFT ASSEMBLY
26	4-329881	FLANGIA D.40X30X38	FLANGE D.40X30X38
27	4-329882	RONDELLA D.13X45X6	WASHER D.13X45X6
28	4-329905	LAMIERA COPERTURA ASOLE	PLATE
29	4-109370	ATTACCO SUPERIORE	UPPER PLATE
30	4-109369	ATTACCO INFERIORE	LOWER PLATE
31	5-103516	SUPPORTO BRACCIO	ARM SUPPORT
32	4-109362	CARRELLO	CARRIAGE
33	4-109790	LAMIERA PROTEZIONE TUBI	HOSE COVER
34	298117	KIT GUARNIZIONI CIL. SOLLEVAMENTO	SEALS KIT CYLINDER LIFT
35	5-105617	PATTINO COMPLETO	SLIDE ASSEMBLY
36	2-03577	VTE 1/2F M10X80	HEXAGON HEA DSCREW 1/2F M10X80
37	2-03633	RONDELLA D.10	WASHER D.10
38	2-02070	DADO ES.A. M10	AUTOLOCKING HEXAGON NUT M10
39	4-329843	PIATTO DI RISCONTRO	PLATE
40	4-116471	INSERTO	INSERT
41	4-116469	RASAMENTO PATTINO 1mm	SLIDE SHIM 1mm
42	4-117772	RASAMENTO PATTINO 1,5mm	SLIDE SHIM 1,5mm
43	5-105621	PATTINO INFERIORE	LOWER SLIDE
44	5-105622	PATTINO SUPERIORE	UPPER SLIDE
45	2-01073	VTE 1/2F M10X40	HEXAGON HEAD SCREW 1/2F M10X40
46	4-116476	INSERTO INTERMEDIO D.23,2X35X5	INSERT D.23,2X35X5
47	439136	RONDELLA D.91X108X1	WASHER D.91X108X1
48	2-02675	VTSPEI M12X80	SCREW M12X80
49	86500152	BONDED SEALS 1/8	BONDED SEALS 1/8
50	4-116192	VITE CON STROZZATORE D.0,9	SCREW
51	2-00203	RONDELLA D.6	WASHER D.6
52	2-03203	RONDELLA D.8,4X16X1,6	WASHER D.8,4X16X1,6
53	2-91715	VTE M8X12	HEAXAGON HEAD SCREW M8X12
54	2-01954	SPINA D.12X55	PLUG D.12X55
55	2-00129	DADO ES. M10	HEXAGON NUT M10
56	2-00213	RONDELLA D.10	RONDELLA D.10
57	2-03617	VTSPEI M10X45	SCREW M10X45
58	2-01974	VTSPEI M10X65	SCREW M10X65
59	4-109938	LAMIERA PROTEZIONE RACCORDI	PROTECTION PLATE
60	4-107159	LAMIERA PASSAPARETE	PLATE
61	2-00314	VTCEI M6X40	HEXAGON HEAD SCREW M6X40
62	2-00211	RONDELLA D.6	WASHER D.6
63	2-00150	DADO ES. M6	HEXAGON NUT M6
64	2-02679	VTBEI M6X12	SCREW M6X12

GRUPPO BRACCIO STALLONATORE BEAD BREAKING GROUP

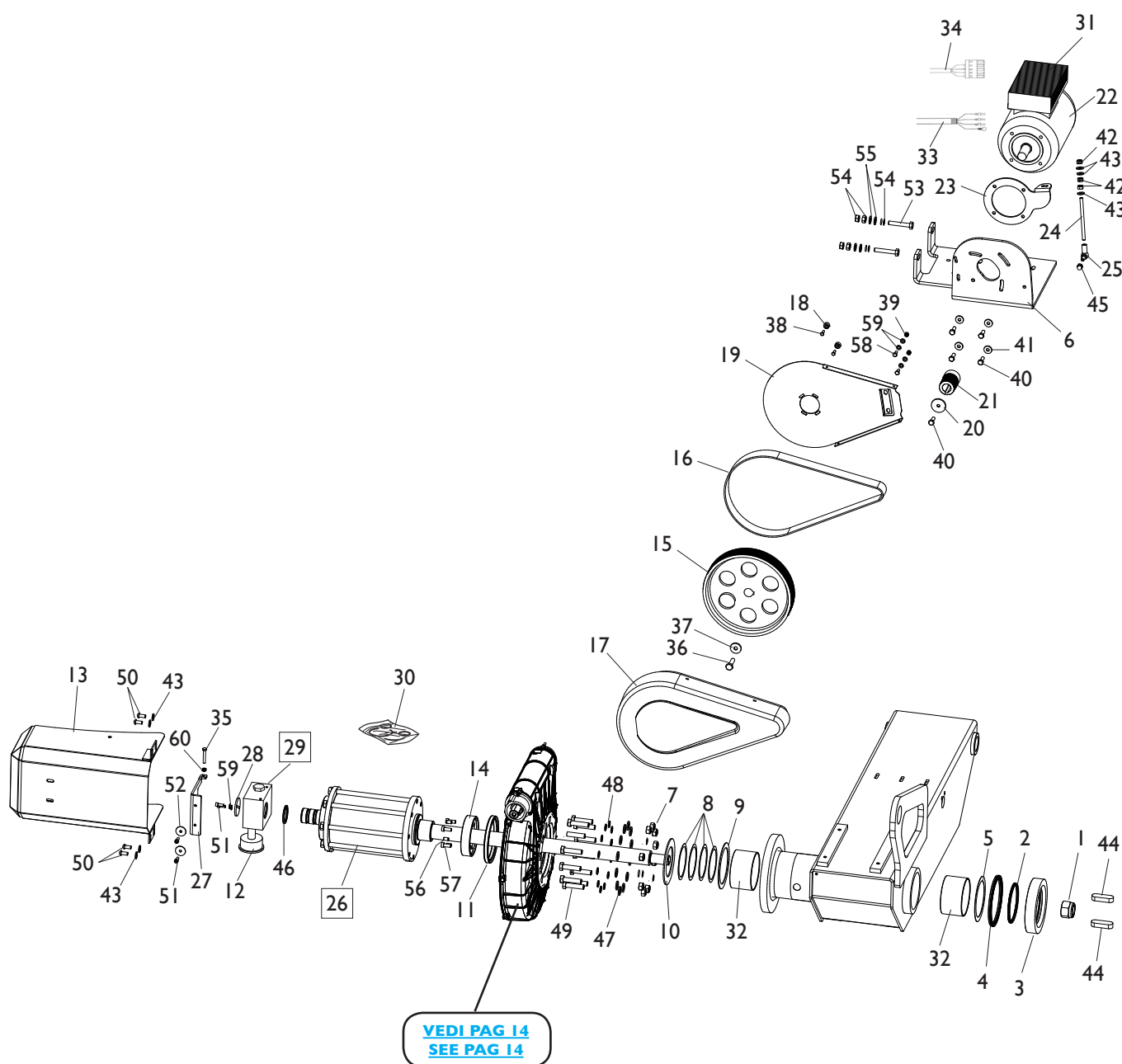


[TORNA AL COMPLESSIVO](#)
[RETURNS TO OVERALL](#)

Rif. Ref.	Codice Code	Descrizione	Description
1	5-300930	BRACCIO STALLONAT. COMPLETO	BEAD BREAKING ASSEMBLY
2	4-118228	BRACCIO STALLONATORE	BEAD BREAKER ARM
3	4-118273	PERNO UTENSILE	TOOL PIN
4	461504	MOLLA TORSIONE D.9,4X1,3X25	TORSION SPRING D.9,4X1,3X25
5	4-118073	UNGHIA	TOOL
6	2-00962	SPINA D.3X12	PIN D.3X12
7	4-108814	VITE SPECIALE M16X100	SPECIAL SCREW M16X100
8	451144	RONDELLA D.16X24X1	WASHER D.16X24X1
9	5-103295	DISCO STALLONATORE COMPLETO	DISK ASSEMBLY
10	5-103296	SUPPORTO CON BOCCOLE	SUPPORT WITH BUSH
11	4-329814	DISCO STALLONATORE	DISK
12	4-326405	RONDELLA BLOCC. DISCO	LOCKING WASHER
13	4-329813	RONDELLA D.52X78X2	WASHER D.52X78X2
14	3-80152	O-RING	O-RING
15	2-80165	VTCEI M12X30	HEXAGON SOCKET HEAD SCREW M12X30
16	3-01158	BOCCOLA D.16X12	BUSH D.16X12
17	33019703	MOLLA	SPRING
18	2-01932	SPINA D.8X55	PLUG D.8X55
19	2-01163	DADO ES.A. M16	AUTOLOCKING HEXAGON NUT M16
20	2-03761	SPINA D.8X80	PLUG D.8X80
21	4-118203	PERNO UTENSILE D.20X54	TOOL PIN D.20X54
22	2-02712	RONDELLA D.23X50X1	WASHER D.23X50X1
30	2-03307	SPINA D.4X10	PIN D.4X10

GR.CARRELLO AUTOCENTRANTE

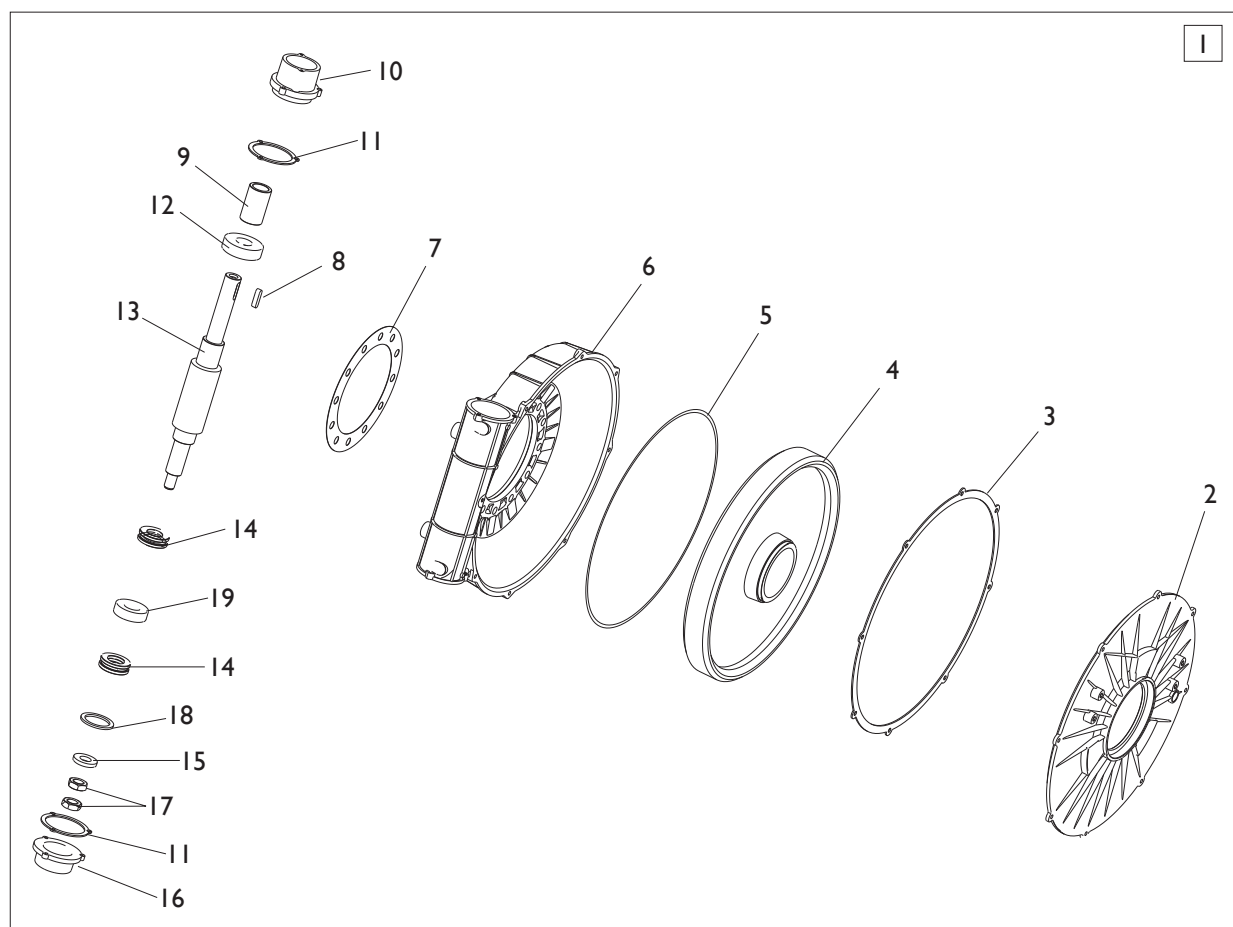
TURNTABLE CARRIGE GROUP



**TORNA AL COMPLESSIVO
RETURNS TO OVERALL**

Ref.	Code	Descrizione	Description
1	2-71528	DADO ES.N.A. D.27X2	AUTOLOCKING HEXAGON NUT M27X2
2	85604400	O-RING 4400	O-RING 4400
3	4-329662	ANELLO DISTANZIALE	SPACER
4	85604487	O-RING D.123,40X3,53	O-RING D.123,40X3,53
5	4-329773	RONDELLA D.100,2X125X1	WASHER D.100,2X125X1
6	4-329965	SUPPORTO MOTOINVERTER	MOTOINVERTER SUPPORT
7	422255	DADO AUTOFRENANTE TRISTOP M12	AUTOLOCKING HEXAGON NUT M12
8	4-329776	RONDELLA D.83,5X99,5X0,2	WASHER D.83,5X99,5X0,2
9	4-329775	RONDELLA IN BRONZO D.100,5X127X2	BRONZE WASHER D.100,5X127X2
10	4-329774	RONDELLA D.83,2X127X3	WASHER D.83,2X127X3
11	453350	ANELLO DI TENUTA D.110 H12	SEAL D.110 H12
12	3-00491	MANOMETRO D.63 1/4" 0-250 BAR/PSI	PRESSURE GAUGE D.63 1/4" 0-250 BAR/PSI
13	4-329631	CARTER CILINDRO	CYLINDER COVER
14	353343	FLANGIA BLOCC. RUOTA ELICOIDALE	LOCKING FLANGE
15	4-329616	PULEGGIA D.248X73,5	PULLEY D.248X73,5
16	4-329615	CINGHIA	BELT
17	4-329613	CARTER CINGHIA	BELT COVER
18	361219	DISTANZIALE FORATO D.15X6,5X9,2	SPACER D.15X6,5X9,2
19	4-329614	LAMIERA CHIUSURA CARTER	PLATE
20	337622	RONDELLA D.8,25X40X4	WASHER D.8,25X40X4
21	4-329617	PULEGGIA MOTORE D.42X66,5	MOTOR PULLEY D.42X66,5
22	4-329778	MOTOINVERTER 180HZ 440V	MOTOINVERTER 180HZ 440V
23	4-329611	LAMIERA INTERFACCIA MOTORE	MOTOR PLATE
24	4-329610	BARRA FILETTATA	THREADED BAR
25	3-02981	SNODO M8	JOINT M8
26	5-103488	CILINDRO AUTOCENTRANTE CPL D.130	TURNTABLE CYLINDER ASSEMBLY D.130
27	4-109780	FERMO RACCORDO GIREVOLE	ROTATING JOINT PLATE
28	34019841	RONDELLA TENUTA	WASHER
29	32019618	DISTRIBUTORE	ROTATING JOINT
30	4-112892	KIT GUARNIZIONI CIL.AUTOCENTRANTE	SEALS KIT FOR TURNTABLE CYLINDER
31	4-115407	SK MOTOINVERTER	MOTOINVERTER P.C. BOARD
32	3-01238	BOCCOLA D.100X60	BUSH D.100X60
33	4-109733	CAVO ALIM. MOTORE	MOTOR SUPPLY CABLE
34	4-109043	CAVO COMANDI MOTORE	MOTOR COMMAND CABLE
35	2-00366	VTE M6X40	HEXAGON HEAD SCREW M6X40
36	2-03084	VTCEI 1/2F M10X50	HEX.SOCKET HEAD SCREW 1/2F M10X50
37	312873	RONDELLA D.10X30X4	WASHER D.10X30X4
38	2-02337	VTE M5X16	HEXAGON HEAD SCREW M5X16
39	2-00167	DADO ES. M6	HEXAGON NUT M6
40	2-02024	VTE M8X25	HEXAGON HEAD SCREW M8X25
41	305972	RONDELLA D.8,25X22X3	WASHER D.8,25X22X3
42	2-00128	DADO ES. M8	HEXAGON NUT M8
43	344207	RONDELLA D.8,4X19X2	WASHER D.8,4X19X2
44	2-01162	CHIAVETTA D.20X12X60	KEY D.20X12X60
45	2-00105	DADO ES. CAL. M8	HEXAGON NUT M8
46	33020103	DISTANZIALE D.50X3,5	SPACER D.50X3,5
47	2-00214	RONDELLA D.12	WASHER D.12
48	2-03419	RONDELLA D.12X24X3	WASHER D.12X24X3
49	2-01124	VTE 1/2F M12X50	HEXAGON HEAD SCREW 1/2F M12X50
50	2-02157	VTBEI M8X18	SCREW M8X18
51	2-02378	VTCEI M6X16	HEXAGON HEAD SCREW M6X16
52	329007	RONDELLA D.6,25X28X2	WASHER D.6,25X28X2
53	2-80181	VTE M10X60	HEXAGON HEAD SCREW M10X60
54	2-91726	DADO ES. M10	HEXAGON NUT M10
55	2-00213	RONDELLA D.10	WASHER D.10
56	2-01001	VSTEI M8X8	SCREW M8X8
57	2-02296	VTCEI M8X20	HEX. SOCKET HEAD SCREW M8X20
58	2-01223	VTE M6X16	HEXAGON HEAD SCREW M6X16
59	2-00211	RONDELLA D.6	WASHER D.6
60	2-00146	DADO ES. M6	HEXAGON NUT M6

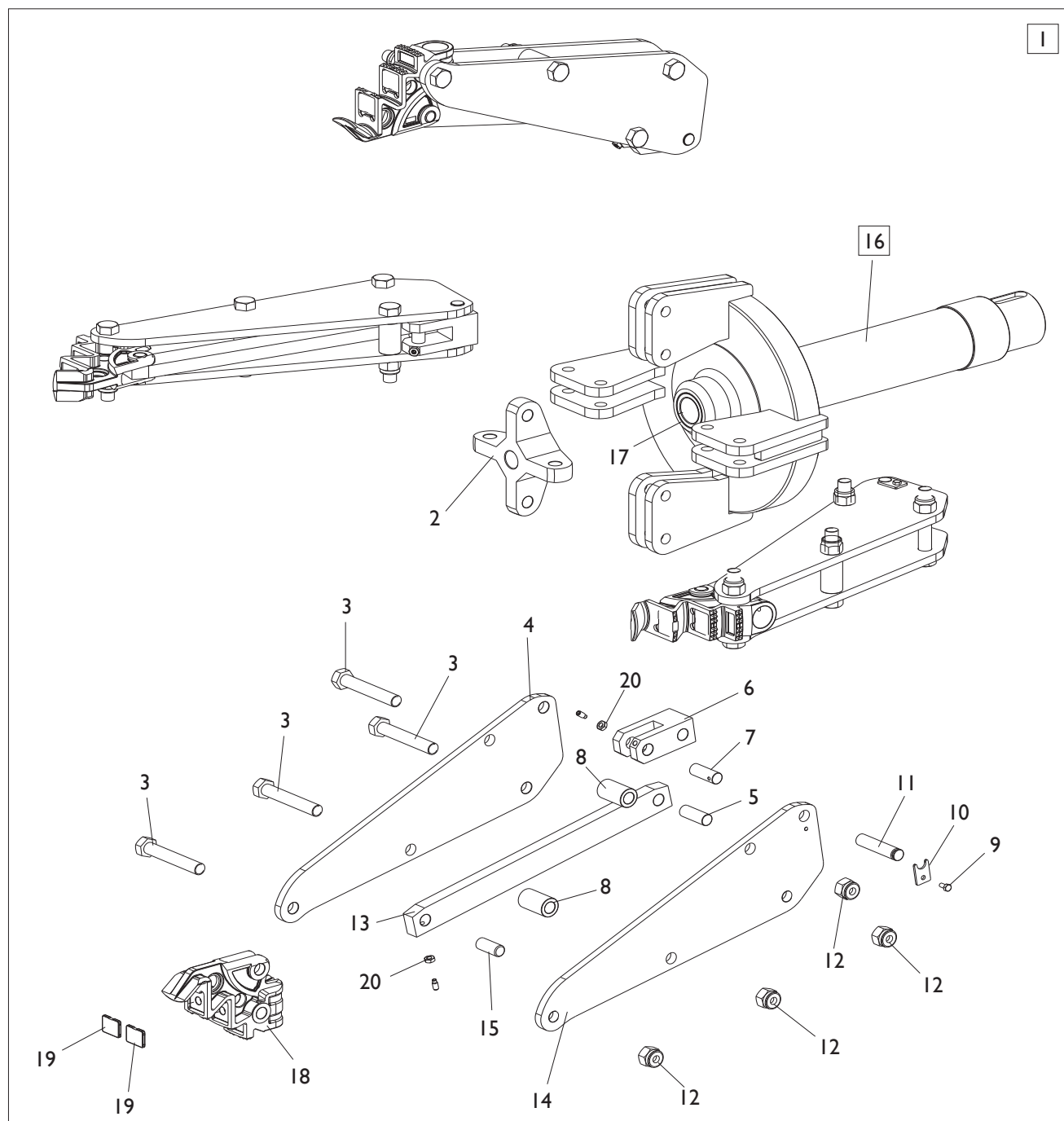
GRUPPO RIDUTTORE GEARBOX GROUP



[TORNA AL COMPLESSIVO](#)
[RETURNS TO OVERALL](#)

Rif. Ref.	Codice Code	Descrizione	Description
1	5-103289	RIDUTTORE COMPLETO	GEARBOX ASSEMBLY
2	354213	COPERCHIO	COVER
3	4-329053	GUARNIZIONE D.407- D.382X2	SEAL D.407- D.382X2
4	341541	RUOTA D.378X43	WHEEL D.378X43
5	454882	O-RING D.380,59X3,53	O-RING D.380,59X3,53
6	4-329636	SCATOLA	BOX
7	4-329637	GUARNIZIONE D.210 - D.150,5X0,5	SEAL D.210 - D.150,5X0,5
8	2-00716	CHIAVETTA D.8X7X30	KEY D.8X7X30
9	354881	BOCCOLA D.25,3X35X56	BUSH D.25,3X35X56
10	354876	FONDELLO	CASING
11	4-329212	GUARNIZIONE D.76 - D.43X2	SEAL D.76 - D.43X2
12	2-02213	CUSCINETTO RADIALE D.25X62X17	RADIAL BEARING D.25X62X17
13	5-327657	KIT VITE SENZA FINE	SCREW KIT
14	2-01035	CUSCINETTO ASSIALE D.25X47X15	AXIAL BEARING D.25X47X15
15	3015726	RONDELLA D.20,2X38X7	WASHER D.20,2X38X7
16	354875	FONDELLO	CASING
17	2-91794	DADO ES. M20X1,5	HEXAGON NUT M20X1,5
18	317281	RONDELLA D.40X52X4	WASHER D.40X52X4
19	2-01034	CUSCINETTO RADIALE D.25X52X15	RADIAL BEARING D.25X52X15

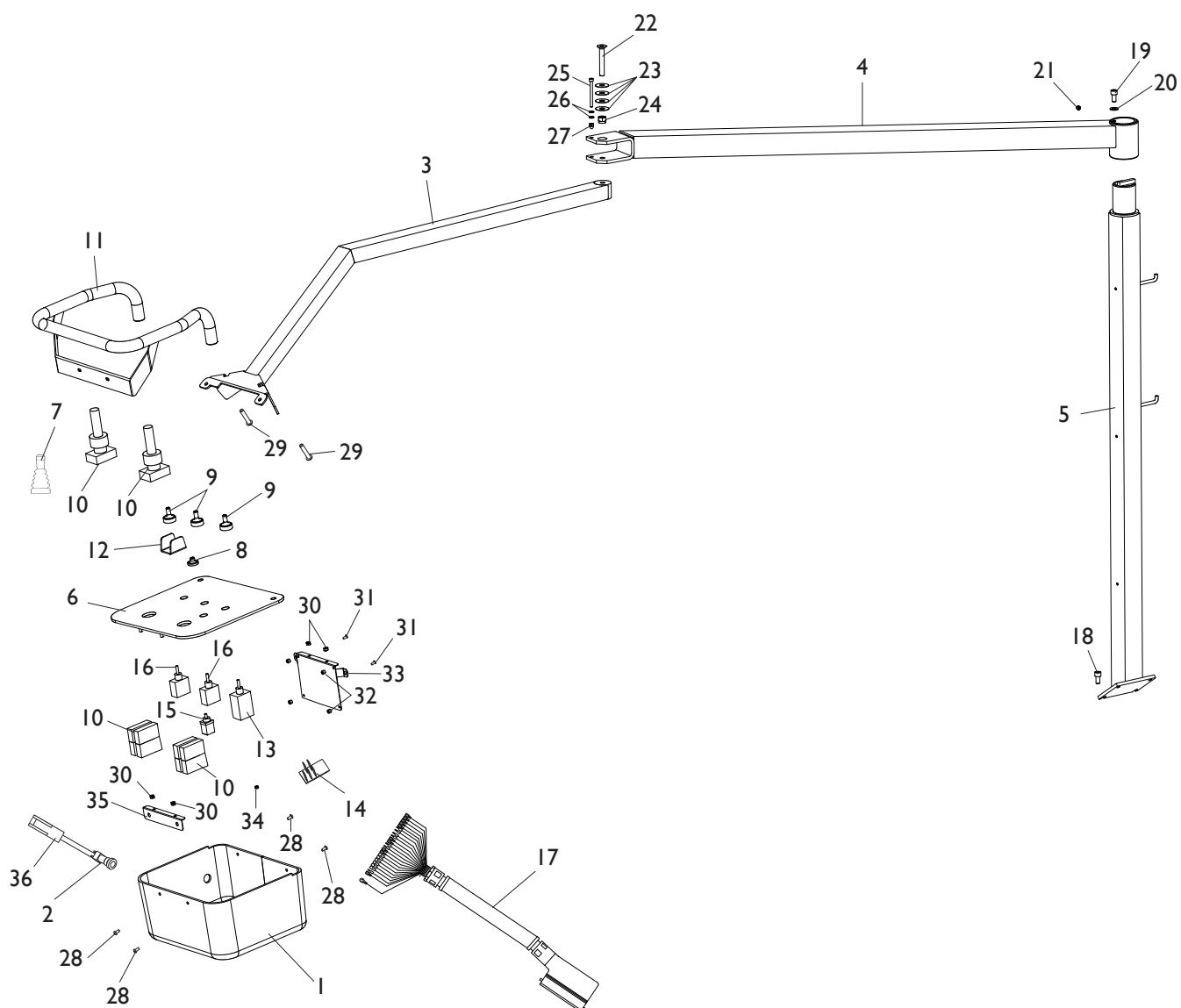
GRUPPO AUTOCENTRANTE TURNTABLE GROUP



[TORNA AL COMPLESSIVO](#)
[RETURNS TO OVERALL](#)

Rif. Ref.	Codice Code	Descrizione	Description
1	5-300846	AUTOCENTRANTE COMPLETO	TURNTABLE ASSEMBLY
2	4-329661	CROCIERA MANDRINO	TURNTABLE CROSS
3	2-03580	VTE M18X1,5 L.100mm 1/2F	HEXAGON HEAD SCREW M18X1,5 L.100mm 1/2F
4	4-329652	LAMIERA FORATA	PLATE
5	4-329639	SPINOTTO	PIN
6	4-329658	BIELLA	SHORT ROD
7	4-329650	SPINOTTO FORATO	PIN
8	4-329642	DISTANZIALE D.30X50,5	SPACER D.30X50,5
9	2-00360	VTE M6X12	HEXAGON HEAD SCREW M6X12
10	4-329640	GANCIO DI FERMO	PLATE
11	4-329641	PERNO LUNGO D.18	LONG PIN D.18
12	424974	DADO ES.A. M18X1,5	AUTOLOCKING HEXAGON NUT M18X1,5
13	4-329654	BIELLA	ROD
14	4-329659	LAMIERA FILETTATA	PLATE
15	4-329651	SPINOTTO GRIFFA FISSA	PIN
16	5-103290	MANDRINO CON BOCCOLA	TURNTABLE WITH BUSH
17	438592	BRONZINA D.40,25X55X30	BUSH D.40,25X55X30
18	4-329972	SUPPORTO GRIFFA CON TASSELLI	SUPPORT WITH INSERT
19	435441	TASSELLO D.30X34X6	INSERT D.30X34X6
20	2-00723	DADO ES.M8	HEXAGON NUT M8

GRUPPO BRACCIO COMANDI COMMAND ARM GROUP

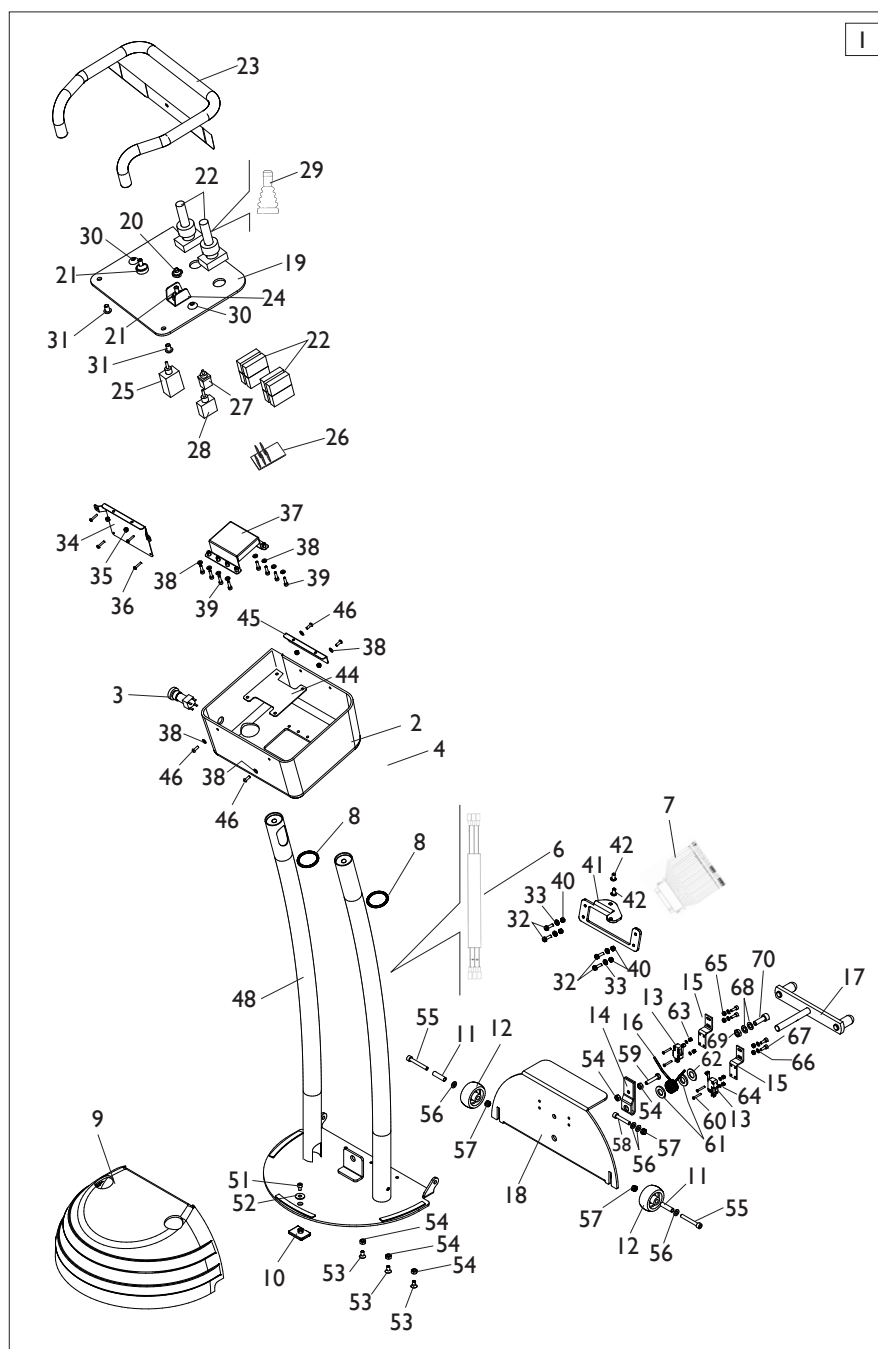


[TORNA AL COMPLESSIVO](#)
[RETURNS TO OVERALL](#)

Rif. Ref.	Codice Code	Descrizione	Description
1	4-330160	COVER CONSOLLE BRACCIO	CONSOLLE COVER
2	5-100619	PULSANTE EMERGENZA	EMERGENCY BUTTON
3	4-329981	BRACCIO PORTA CONSOLLE	CONSOLLE ARM
4	36015645	BRACCIO COMANDI	COMMAND ARM
5	4-329982	COLONNA BRACCIO COMANDI	ARM COLUMN
6	4-330143	PIASTRA CONSOLLE	CONSOLLE PLATE
7	3-03143	PROTEZ. IN GOMMA MANIPOLATORE	JOYSTICK RUBBER COVER
8	3-03086	PROTEZIONE IN GOMMA PULSANTE	RUBBER COVER
9	3-03085	PROTEZIONE IN GOMMA	RUBBER COVER
10	3-03079	MANIPOLATORE 4 POSIZIONI	JOYSTICK FOUR POSITION
11	4-108735	TUBO CONSOLLE	CONSOLLE PLATE
12	340747	PROTEZIONE DEVIATORE	SWITCH COVER
13	3-03084	COMMUTATORE BIPOLARE	BIPOLAR SWITCH
14	4-108861	SK CPU	CPU P.C. BOARD
15	3-03083	PULSANTE N.A.	BUTTON NORMAL-OPEN
16	3-03082	COMMUTATORE UNIPOLARE	UNIPOLAR SWITCH
17	4-108860	CAVO SERIALE COMANDI	COMMAND CABLE
18	2-03603	VTE M8X20	HEXAGON HEAD SCREW M8X20
19	2-01985	VTCEI M10X20	HEX. SOCKET HEAD SCREW M10X20
20	2-00213	RONDELLA D.10	WASHER D.10
21	81800800	INGRASSATORE M8X1,25	GREASER M8X1,25
22	2-02675	VTSPEI M12X80	SCREW M12X80
23	344208	RONDELLA D.12,5X36X1	WASHER D.12,5X36X1
24	2-01021	DADO ES.A. M12	AUTOLOCKING HEXAGON NUT M12
25	2-94140	VTCEI M8X70	HEX. SOCKET HEAD SCREW M8X70
26	2-00211	RONDELLA D.6	WASHER D.6
27	2-00105	DADO ES. M8	HEXAGON NUT M8
28	2-02164	VTBEI M4X20	SCREW M4X20
29	2-02148	VTBEI M8X12	SCREW M8X12
30	2-00125	DADO ES. M4	HEXAGON NUT M4
31	2-00575	VTCIC M3X16	SCREW M3X16
32	430100	DISTANZIALE	SPACER
33	4-108738	SUPPORTO SK	P.C. BOARD SUPPORT
34	2-00124	DADO ES. M3	HEXAGON NUT M3
35	4-108739	SUPPORTO COVER	COVER SUPPORT
36	4-330047	CAVO PULSANTE EMERG. L.300mm	CABLE EMERGENCY BUTTON L.300mm

GRUPPO PEDALIERA

PEDAL GROUP

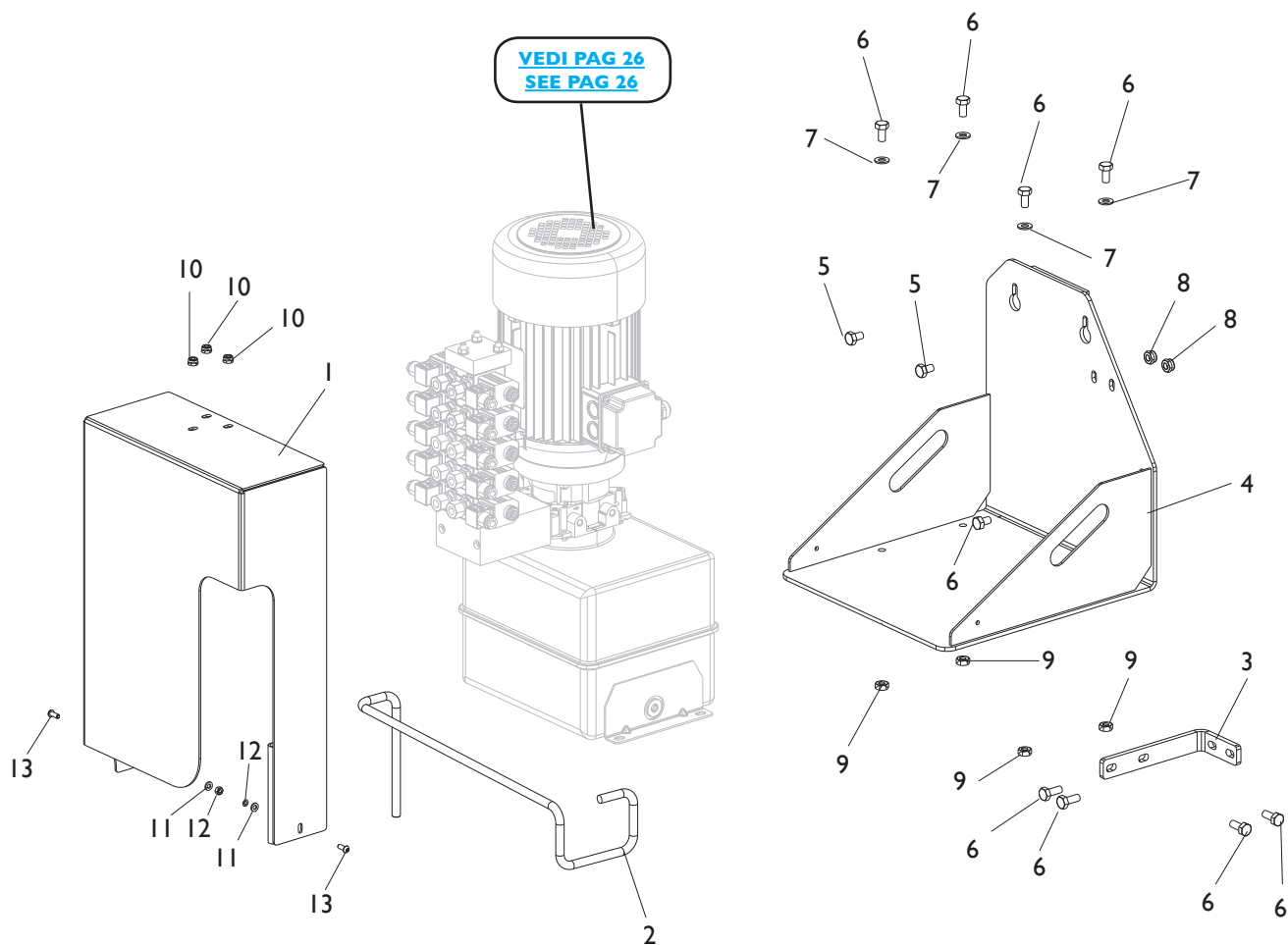


Ref.	Code	Descrizione	Description
1	5-300914	MANIPOLATORE COMPLETO	CONTROL UNIT ASSEMBLY
2	4-108729	COVER PLANCIA	COVER
3	5-100630	PULSANTE EMERGENZA	EMERGENCY BUTTON
4	435957	TAPPO D.12,7XH.8,7	CAP D.12,7XH.8,7
6	4-108885	CAVO ROTAZIONE PEDALE	PEDAL CABLE

[TORNA AL COMPLESSIVO](#)
[RETURNS TO OVERALL](#)

Ref.	Code	Descrizione	Description
7	4-108886	CAVO COMANDO INTERNO	COMMAND CABLE
8	433248	O-RING D.34,52X3,53	O-RING D.34,52X3,53
9	4-108751	COVER PEDALI	PEDAL COVER
10	4-329541	TASSELLO D.27X36X4,5	INSERT D.27X36X4,5
11	4-108753	DISTANZIALE D.8X29	SPACER D.8X29
12	3-03067	RUOTA D.50X22	WHEEL D.50X22
13	440874	MICROINTERRUTTORE	MICROSWTICH
14	317491	LEVA COMANDI MICRO	COMMAND LEVER
15	355786	STAFFA PORTA MICRO	MICRO BRACKET
16	401270	MOLLA PEDALE D.18X2,8X14	PEDAL SPRING D.18X2,8X14
17	4-108754/90	PEDALE	PEDAL
18	4-108752	PROTEZIONE PEDALE	PEDAL COVER
19	4-330146	PIASTRA CONSOLLE	CONSOLLE PLATE
20	3-03086	PROTEZIONE IN GOMMA PULSANTE	RUBBER COVER
21	3-03085	PROTEZIONE IN GOMMA	RUBBER COVER
22	3-03079	MANIPOLATORE 4 POSIZIONI	JOYSTICK FOUR POSITION
23	4-108735	TUBO CONSOLLE	CONSOLLE PLATE
24	340747	PROTEZIONE DEVIATORE	SWITCH COVER
25	3-03084	COMMUTATORE BIPOLARE	BIPOLAR SWITCH
26	4-108861	SK A DIODI	P.C. BOARD
27	3-03083	PULSANTE N.A.	BUTTON NORMAL-OPEN
28	3-03082	COMMUTATORE UNIPOLARE	UNIPOLAR SWITCH
29	3-03143	PROTEZ. IN GOMMA MANIPOLATORE	JOYSTICK RUBBER COVER
30	2-02572	VTBEI M10X25	SCREW M10X25
31	2-02148	VTBEI M8X12	SCREW M8X12
32	2-80139	VTCIC M3X12	SCREW M3X12
33	2-00208	RONDELLA D.3	WASHER D.3
34	4-108738	SUPPORTO SK	P.C. BOARD SUPPORT
35	2-00125	DADO ES. M4	HEXAGON NUT M4
36	2-00575	VTCIC M3X16	SCREW M3X16
37	4-132000	CARTER BATTERIE	BATTERY PLATE
38	2-00209	RONDELLA D.4	WASHER D.4
39	2-00290	VTCEI M4X16	HEX. SOCKET HEAD SCREW M4X14
40	2-00142	DADO ES.M3	HEXAGON NUT M3
41	4-108732	SUPPORTO CONNETTORE 28 PIN	CONNECTOR SUPPORT
42	2-80009	VTBEI M4X8	SCREW M4X8
44	4-131820	CARTER CHIUSURA	PLATE
45	4-108739	SUPPORTO COVER	COVER SUPPORT
46	2-02146	VTBEI M4X12	SCREW M4X12
48	4-108745	TELAIO CONSOLLE	CONSOLLE BODY
51	2-00995	VTCEI M5X8	HEXAGON SOCKET HEAD SCREW M5X8
52	2-00679	ROSETTA D.6,6X18X1,5	WASHER D.6,6X18X1,5
53	2-02010	VSTEI M6X12	CKS SCREW SOCKET M6X12
54	2-00146	DADO ES. M6	HEXAGON NUT M6
55	2-02846	VTCEI M6X45	HEX. SOCKET HEAD SCREW M6X45
56	2-00211	RONDELLA D.6	WASHER D.6
57	2-01979	DADO ES.A. M6	AUTOLOCKING HEXAGON NUT M6
58	2-00909	VTCEI M6X35	HEX. SOCKET HEAD SCREW M6X35
59	2-00364	VTE M6X30	HEXAGON HEAD SCREW M6X30
60	2-02961	VTSPIC M3X20	SCREW M3X20
61	2-00214	RONDELLA D.12	WASHER D.12
62	2-02249	RONDELLA ELASTICA D.13X24	ELASTIC WASHER D.13X24
63	2-01017	DADO ES. M3	HEXAGON NUT M3
64	2-71547	ROSETTA D.3	WASHER D.3
65	2-00143	DADO ES. M4	HEXAGON NUT M4
66	2-71541	ROSETTA D.4	WASHER D.4
67	2-00733	VTCEI M4X12	HEX. SOCKET HEAD SCREW M4X12
68	2-71542	ROSETTA D.8	WASHER D.8
69	2-00156	DADO ES. M8	HEXAGON NUT M8
70	2-02006	VTCEI M8X25	HEX. SOCKET HEAD SCREW M8X25

GRUPPO CENTRALINA POWER GROUP

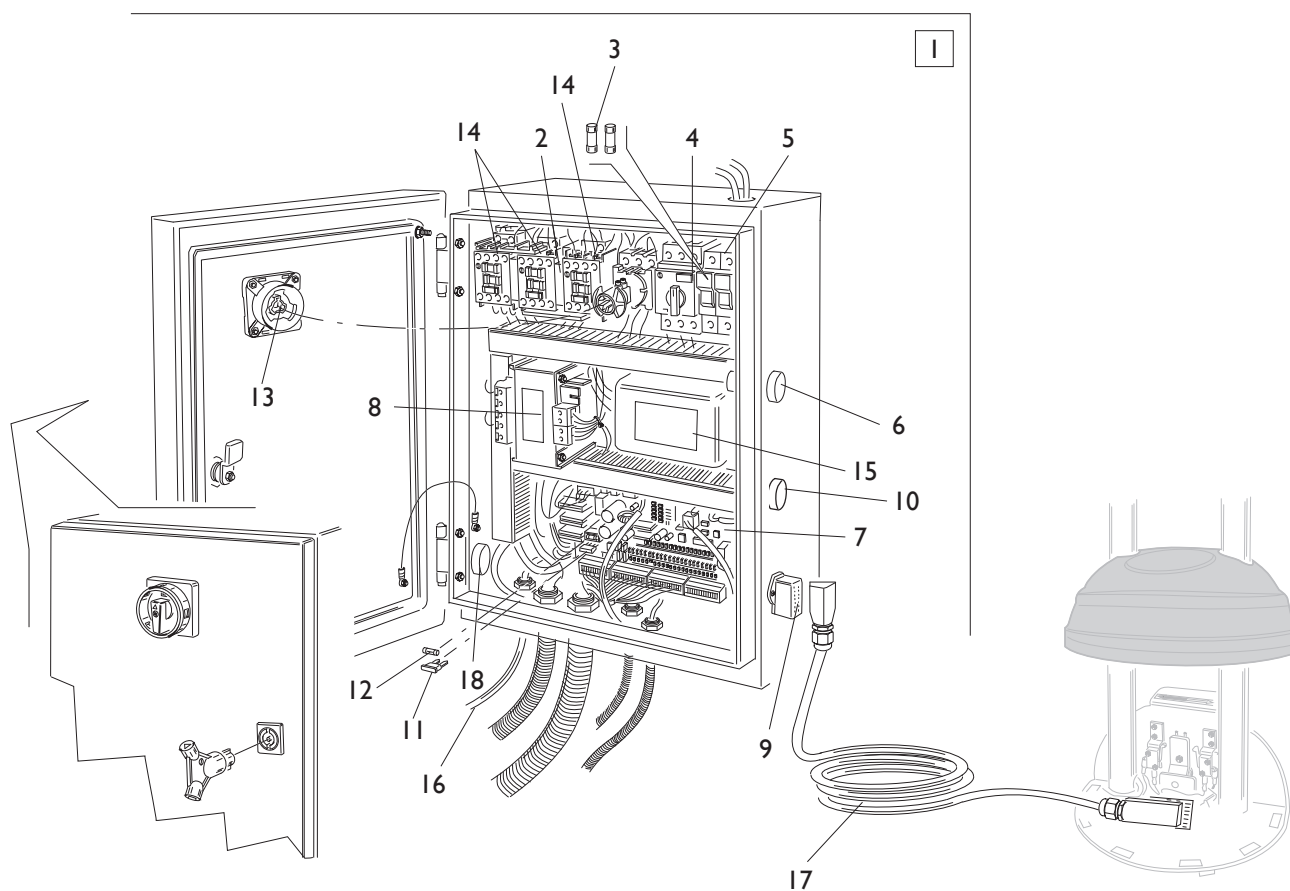


TORNA AL COMPLESSIVO
RETURNS TO OVERALL

Rif. Ref.	Codice Code	Descrizione	Description
1	4-329978	CARTER CENTRALINA	HYDRAULIC POWER COVER
2	4-330170	SUPPORTO BANDIERA TUBI	HOSE SUPPORT
3	4-330158	STAFFA CENTRALINA	HYDRAULIC POWER PLATE
4	4-329973	MENSOLA CENTRALINA IDR.	HYDRAULIC POWER PLATE
5	2-02110	VTE M10X30	HEXAGON HEAD SCREW M10X30
6	2-02056	VTE M10X20	HEXAGON HEAD SCREW M10X20
7	2-00213	RONDELLA D.10	WASHER D.10
8	2-01019	DADO ES.A. M10	AUTOLOCKING HEXAGON NUT M10
9	2-00157	DADO ES. M10	HEXAGON NUT M10
10	2-01137	DADO ES.A. M8	AUTOLOCKING HEXAGON NUT M8
11	2-00211	RONDELLA D.6	WASHER D.6
12	2-00127	DADO ES. M6	HEXAGON NUT M6
13	2-80178	VTBEI M6X18	SCREW M6X18

GRUPPO IMPIANTO ELETTRICO

ELECTRIC SYSTEM GROUP

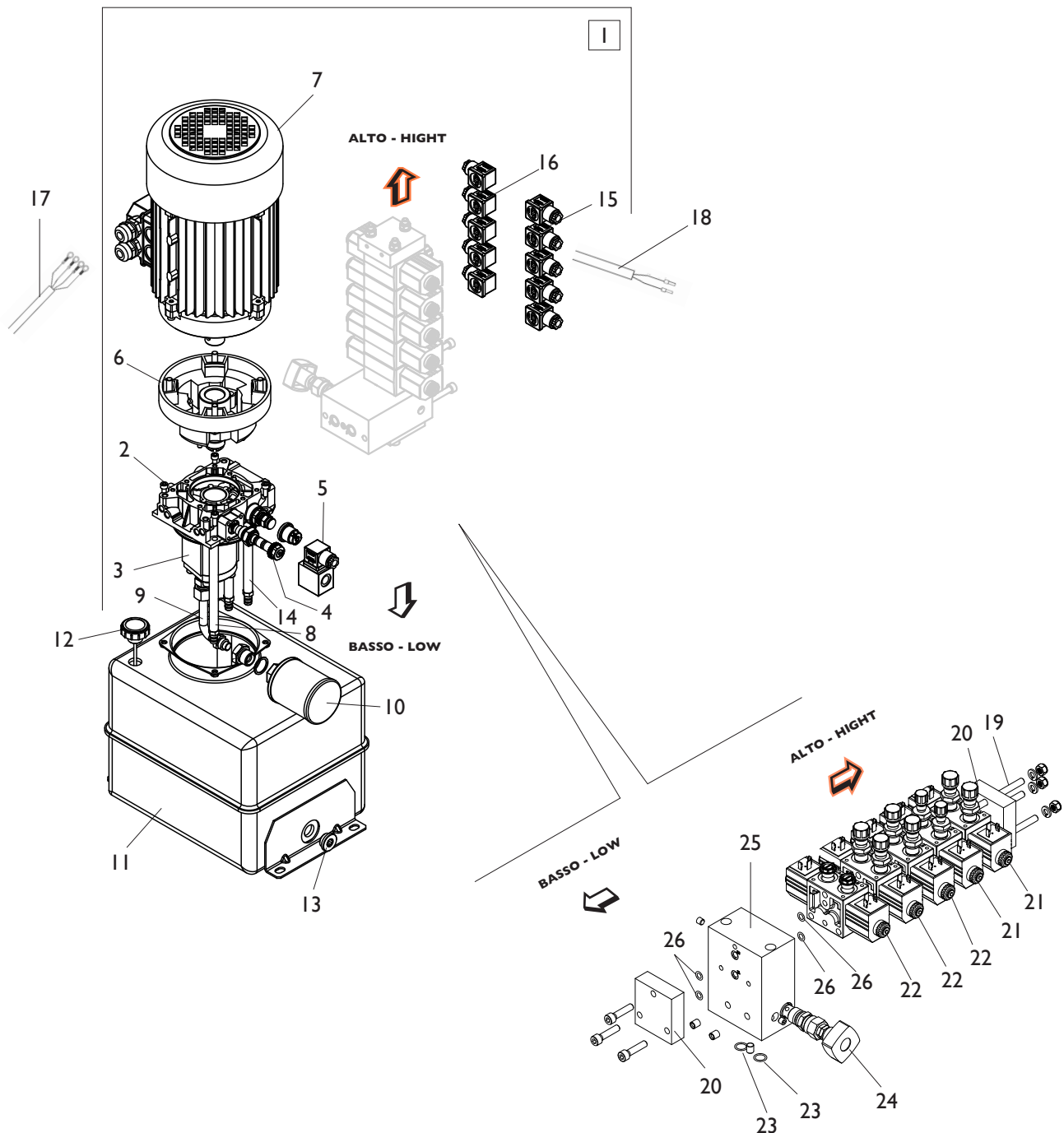


[TORNA AL COMPLESSIVO](#)
[RETURNS TO OVERALL](#)

Rif. Ref.	Codice Code	Descrizione	Description
1	5-103141	IMP. ELETTRICO CPL . 400V/3/50-60HZ	ELECTRIC SYSTEM ASSEMBLY 400V/3/50-60HZ
2	3-03075	INTERBLOCCO MECCANICO	MECANIC BLOCK
3	3-03077	FUSIBILE 10,3X38GG 1A	FUSE 10,3X38GG 1A
4	3-80143	SALVAMOTORE 6,3-10A	OVERLOAD CUTOOUT 6,3-10A
5	84990792	PORTAFUSIBILI 2 POLI	FUSE HOLER 2P
6	3-80144	SPIA LUMINOSA	PILOT LAMP
7	4-108881	SK CPU	CPU P.C. BOARD
8	4-330040	TRASFORMATORE	TRANSFORMER
9	4-108873	CAVO SERIALE INTERNO	INTERNAL CABLE
10	3-03078	SEGNALATORE ACUSTICO	ALARM
11	4-109327	FUSIBILE 10A	FUSE 10A
12	4-102580	FUSIBILE RITARDATO 3A	FUSE 3A
13	3-80140	INTERRUTTORE GENERALE	POWER SWITCH
14	3-80146	TELERUTTORE 24VAC-16A	REMOTE CONTROL
15	3-03272	FILTRO RETE 10A	FILTER 10A
16	4-109384	CAVO RETE	POWER CABLE
17	4-108896	CAVO COMANDI (VERS. TROLLEY)	COMMAND CABLE (TROLLEY VERSION)
18	5-300473	INTERRUTTORE 2 POSIZIONI	SWITCH TWO POSITION

GRUPPO CENTRALINA IDRAULICA

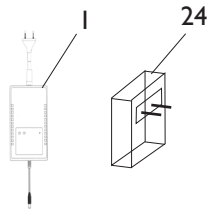
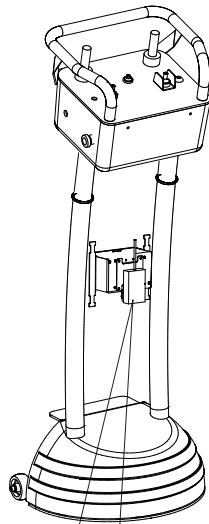
HYDRAULIC POWER GROUP



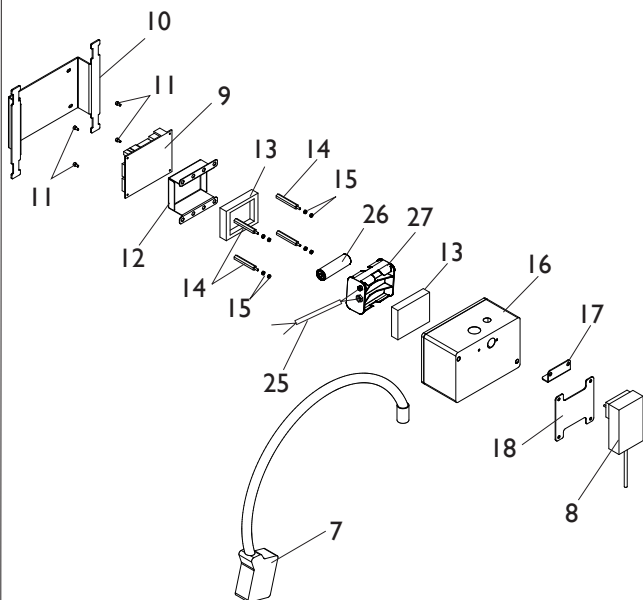
[TORNA AL COMPLESSIVO](#)
[RETURNS TO OVERALL](#)

Rif. Ref.	Codice Code	Descrizione	Description
1	5-300853	CENTR. IDRAULICA CPL 400V/3/50HZ	HYDRAULIC POWER ASSEMBLY 400V/3/50HZ
1	5-300832	CENTR. IDRAULICA CPL 400V/3/60HZ	HYDRAULIC POWER ASSEMBLY 400V/3/60HZ
2	4-109301	COLLETTORE	MAINFOLD
3	4-109302	POMPA 7,4CC 50HZ	PUMP 7,4CC 50HZ
3	4-109303	POMPA 6,1CC 60HZ	PUMP 6,1CC 60HZ
4	4-109304	VALVOLA PILOTATA	CHECK VALVE
5	4-109305	SOLENOIDE 24V	SOLENOID 24V
6	4-109306	KIT TRASCINAMENTO	FLANGE KIT
7	4-109307	MOTORE 230-400V/50-60HZ	MOTOR 230-400V/50-60HZ
8	86990239	TUBO DI SCARICO L.200mm	HOSE L.200mm
9	4-109308	TUBO ASPIRAZIONE L.83mm	HOSE L.83mm
10	4-109309	FILTRO	FILTER
11	4-109310	SERBATOIO RETTANGOLARE 15L.	RECTANGULAR TANK 15 LITER
12	4-109311	TAPPO CARICO OLIO	OIL CAP
13	3-02275	TAPPO SCARICO OLIO	OIL CAP
14	86990279	TUBO DI SCARICO L.150mm	HOSE L.150mm
15	418062	CONNETTORE NERO	BLACK CONNECTOR
16	424693	CONNETTORE GRIGIO	GREY CONNECTOR
17	4-109734	CAVO ALIMENTAZIONE MOTORE	MOTOR SUPPLY CABLE
18	4-109735	CAVO ELETTROVALVOLE	SOLENOID VALVE CABLE
19	4-109657	TIRANTE M8X195	TIE ROD M8X195
20	86990345	PIASTRA CHIUSURA	LOCKING PLATE
21	86990340	DISTRIBUTORE 24V	SOLENOID VALVE ASSEMBLY 24V
22	86990341	DISTRIBUTORE 24V	SOLENOID VALVE ASSEMBLY 24V
23	417749	O-RING D.14X1,78	O-RING D.14X1,78
24	86990350	VALVOLA DI MAX	RELIEF VALVE
25	4-109299	BLOCCO CON VALVOLA	BLOCK WITH VALVE
26	423078	O-RING D.8,73X1,78	O-RING D.8,73X1,78

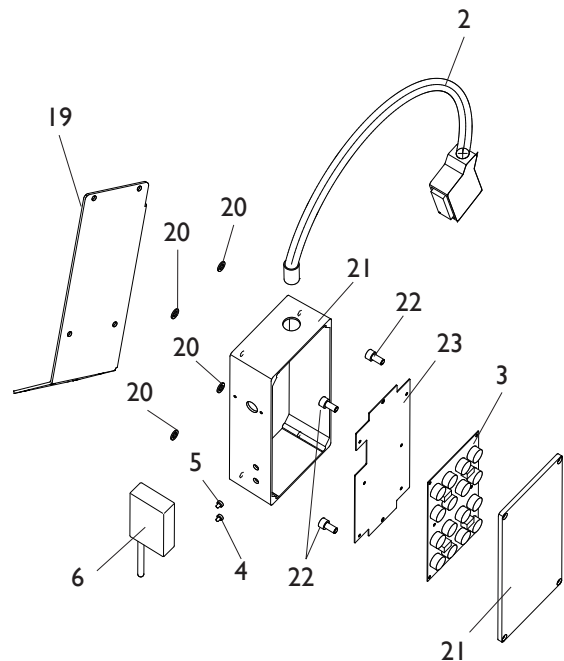
UNITÀ RADIO RADIO UNIT



TX



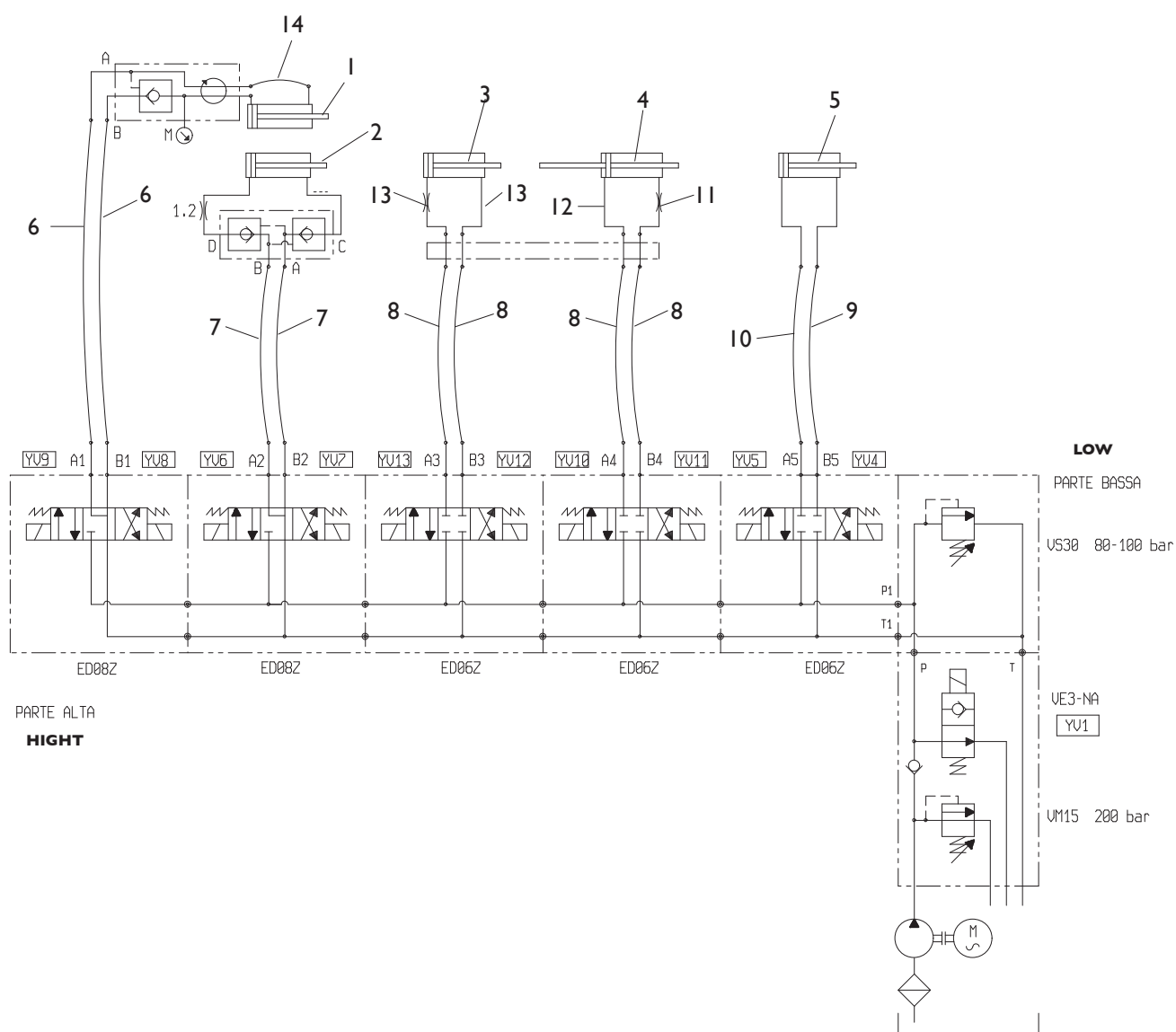
RX



[TORNA AL COMPLESSIVO](#)
[RETURNS TO OVERALL](#)

Rif. Ref.	Codice Code	Descrizione	Description
1	4-330050	CARICABATTERIE 100-240V	BATTERY CHARGER 100-240V
2	4-108850	CAVO COLL. UNITA' RX	CABLE RX UNIT
3	4-108857	SK CPU RX	CPU RX
4	4-330056	LED ROSSO	RED LED
5	4-327260	LED BIANCO	WHITE LED
6	5-300458	KIT RADIOMODEM	RADIOMODEM KIT
7	4-108849	CAVO COLL. UNITA' TX	CABLE TX UNIT
8	5-300501	RADIO MODEM	RADIO MODEM
9	4-108731	SK CPU	CPU P.C. BOARD
10	4-109326	STAFFA DI SOSTEGNO KIT TX	TX BRACKET
11	2-00284	VTCEI M3X6	HEX. SOCKET HEAD SCREW M3X6
12	4-132000	CARTER BATTERIE	BATTERY PLATE
13	4-131822	PROTEZIONE BATTERIE	BATTERY COVER
14	3-03166	DISTANZIALE M3 L.45mm	SPACER M3 L.45mm
15	2-71510	DADO ES. M3	HEXAGON NUT M3
16	4-108847	SCATOLA TX	TX BOX
17	4-108727/90	SUPPORTO RADIO MODEM	RADIO MODEM SUPPORT
18	4-131820	CARTER CHIUSURA	PLATE
19	4-330278	STAFFA SUPPORTO KIT RX	RX BRACKET
20	2-02066	RONDELLA D.8	WASHER D.8
21	4-108848	SCATOLA RX	RX BOX
22	2-00319	VTCEI M8X16	HEX. SOCKET HEAD SCREW M8X16
23	4-109325	STAFFA SUPPORTO SK	P.C. BOARD SUPPORT
24	4-113077	ADATTATORE SPINE UNIVERSALE	UNIVERSAL ADAPTOR PLUG
25	4-132001	CAVO BATTERIA	BATTERY CABLE
26	4-110935	BLISTER 4 BATTERIE	BATTERY (4 PZ)
27	4-116398	PORTABATTERIE	BATTERY HOLDER

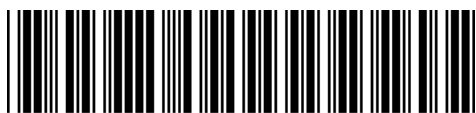
SCHEMA IDRAULICO HYDRAULIC DIAGRAM



[TORNA AL COMPLESSIVO](#)
[RETURNS TO OVERALL](#)

Rif. Ref.	Codice Code	Descrizione	Description
1	5-103488	CILINDRO AUTOCENTRANTE CPL D.130	TURNTABLE CYLINDER ASSEMBLY D.130
2	5-300833/90	CILINDRO BRACCIO MANDRINO	ARM CYLINDER ASSEMBLY
3	5-300824/90	CILINDRO ROTAZIONE UTENSILE	TOOL CYLINDER ROTATING
4	5-103303	CILINDRO SOLLEVAMENTO	CYLINDER LIFT ASSEMBLY
5	5-120394	CILINDRO COMPLETO D.85 C.1060	CYLINDER ASSEMBLY D.85
6	4-330131	TUBO CILINDRO AUTOC. L.4600mm	HOSE CYLINDER TURNTABLE L.4600mm.
7	4-330130	TUBO CIL. SOLLEVAMENTO L.1200mm	HOSE CYLINDER LIFT L.1200mm
8	4-330095	TUBO UTENSILE L.5200mm	HOSE TOOL L.5200mm
9	4-330098	TUBO CIL. TRASLAZIONE L.4600mm	HOSE CYLINDER SHIFT L.4600mm
10	4-330133	TUBO CIL. TRASLAZIONE L.4800mm	HOSE CYLINDER SHIFT L.4800mm
11	4-330123	TUBO BR. UTENSILE L.1050mm	HOSE TOOL ARM L.1050mm
12	4-112959	TUBO CIL. SOLL. BRACCIO L.900mm	HOSE CYLINDER LIFT L.900mm
13	4-330125	TUBO CIL. ROTAZIONE UT. L.1250mm	HOSE TOOL CYLINDER ROTATING L.1250mm
14	422674	TUBO CIL. AUTOCENTRANTE	HOSE CYLINDER TURNTABLE

Code 4-32981 IH



Il disegno è realizzato con tutti i particolari ma solo quelli codificati sono forniti come ricambi. L'Azienda si riserva la facoltà di apportare modifiche senza preavviso.

Production date : 06 / 2014

The drawing shows all parts but only the coded parts are supplied as spares. The Company reserves the right to make modifications without prior notice.