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Quick Tension System



QTH 6-10 GPM

- INFORMAZIONI TECNICHE
- TECHNICAL DATA SHEET

- Hidraulics Chainsaw
- **Code: A4M001**



Bonomi s.r.l. Unipersonal Company

Head Office: Via Mauro Pagano,63
20145 Milano
Italy

Facility: Via dell'Industria 2
14047 Mombercelli
Asti Italy

Phone: +39 0141 955 390

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Dati Tecnici \ Performance data

MODELLO - MODEL	MITO QTH 6-10 A4M001
INFORMAZIONI TECNICHE TECHNICAL DATA SHEET	English (Metric)
PESO MACCHINA SENZA BARRA E CATENA Machine Weight without bar and chain	25,3 lbs (11,5 Kg)
MISURA DELLA BARRA Bar sizes Range	10", 15", 20", 25" (mm 254, 381, 500, 640)
DIMENSIONI (con barra da 15") Dimensions (with 15" guidebar)	46 x 10,25 x 12 in. (116,9 x 26,4 x 30,5 cm)
PROFONDITA' DI TAGLIO (con barra da 15") Depth of cut (with 15" bar)	15 in (381 mm)
CATENA Chain	
NUMERO SEGMENTI PER CATENA DA 15" Chain Segments number for 15 in. bar	57
PASSO MAGLIE CATENA Chain pitch Suitable for the following	3/8, 0,444 , 0,456
SPESSORE DEI SEGMENTI Chain Segment Width	0,225" - (5,8 mm)
BARRA—Bar	
INGRANAGGIO DI TESTA Nose Sprocket	Bearing

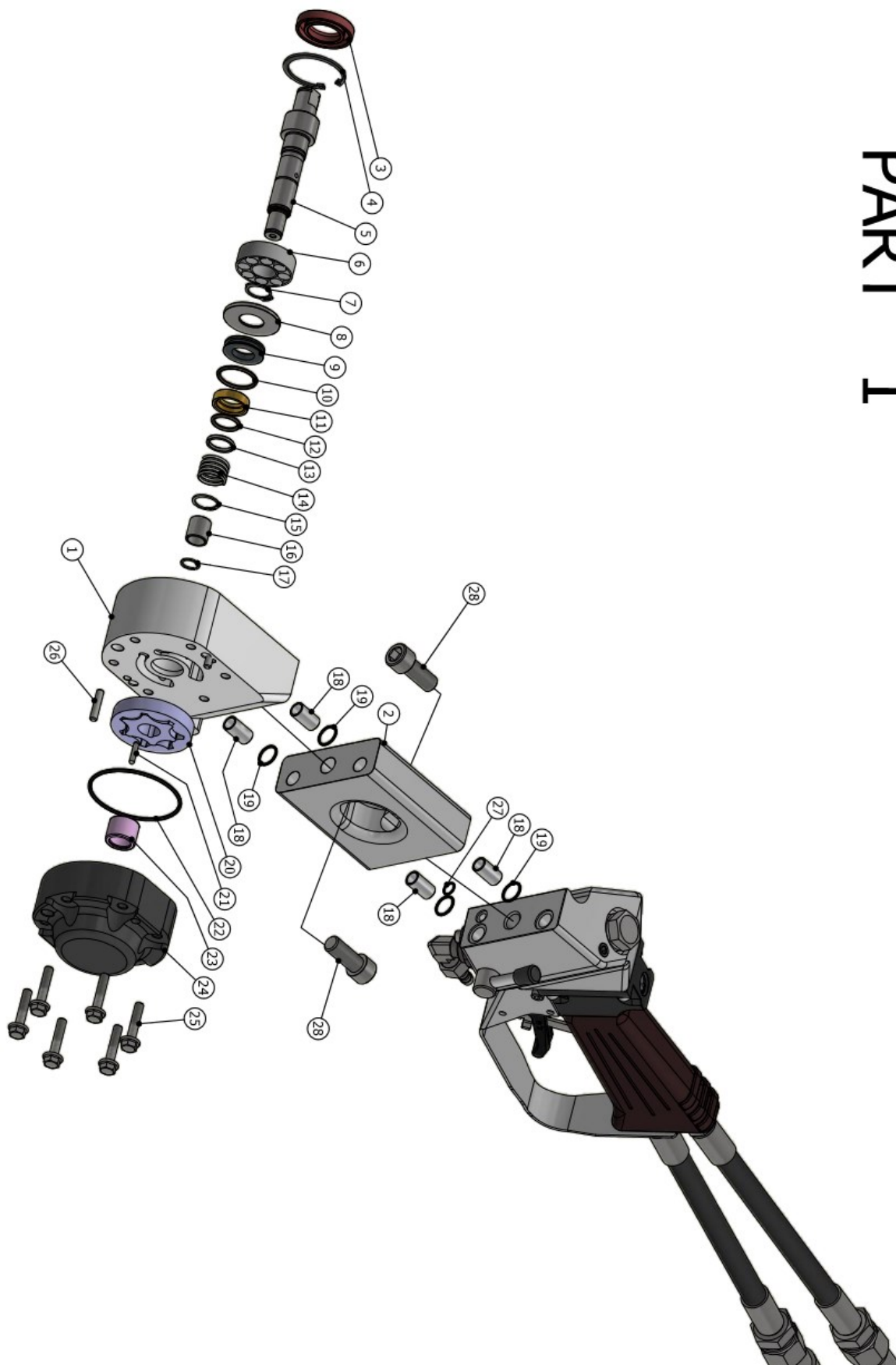


Dati Tecnici \ Performance data

MODELLO - Model	MITO QTH 6-10 A4M001
<u>CARATTERISTICHE IDRAULICHE</u> <u>Hydraulics Specification sheet</u>	English (Metric)
SISTEMA TIPO—Type of system	Open center
PORTATA NOMINALE - Nominal Flow rate	6-10 gpm (37-45 lpm)
MASSIMA PRESSIONE DI RITORNO—back pressure Max	50 psi (3,5 bar)
LUNGHEZZA MASSIMA DEI TUBI— Hose length Max	100 ft (30 m)
GIUNTO—Couplins	1/2" HTMA flush face
<u>RAFFREDDAMENTO ACQUA—Water requirements</u>	
FLUSSO ACQUA MINIMO — Minimal Flow rate	2,5 gpm (9,5 l/min)
PRESSIONE MAX — Pressure Max.	50 psi (3 bar)
<u>PRESTAZIONI - Operation</u>	
POTENZA A (172 bar) - Power @2500 psi	12,5 hp (9,2 kw)
TORSIONE ALL'ALBERO A (172 bar) - Torque @ 2500 psi (teoric)	161,2 in.-lbs. (18,2 Nm)
VELOCITA' MASSIMA—Speed Max RPM	6500 rpm
<u>VIBRAZIONI E SUONO—Vibration and Sound</u>	
LIVELLO DI VIBRAZIONE—Vibrtn level (misurato durante iol taglio con barra da 15" e catena reverse 225B—cheked during cutting with 15" bar and chain RV 225B)	A=5,65 M/S ²
SUONO PERCEPITO DISTANZA 1 m —Sound pressure @1m (misurato durante iol taglio con barra da 15" e catena reverse 225B—cheked during cutting with 15" bar and chain RV 225B)	88dba
<u>OLIO IDRAULICO RACCOMANDATO—Recommended Hydraulic Oil</u>	
VISCOSITA' - Viscosity	140-225 SUS @100°F (28-45cSt a 38°C) 40 min. SUS @210°F (8 min.cSt a 99°C)
PUNTUNTO DI INCENDIO—flash Point	340°F (170°C)
PUNTO DI CONGELAMENTO—Pour Point	-30°F (-34°C)
MOLTI TIPI DI OLIO IDRAULICO SONO DISPONIBILI SUL MERCATO TRAMITE I LOCALI DISTRIBUTORI. COME FABBRICANTI DELLA MACCHINA SUGGERIAMO INDICATO. I TIPI DI OLIO IDRAULICI SONO TANTI PER ESSERE INDICATI IN QUESTO MANUALE —Many types of compatible hydraulic oil are available through your local dealer/distributor. As an original equipment manufacturer, we suggest the indicated one. Hydraulic oil types are too numerous to list in this manual.	GRADE ISO VG 32 Hydraulic turbine oil

MITO Hydraulic Model A4M001 Spare Part View (1)

PART 1

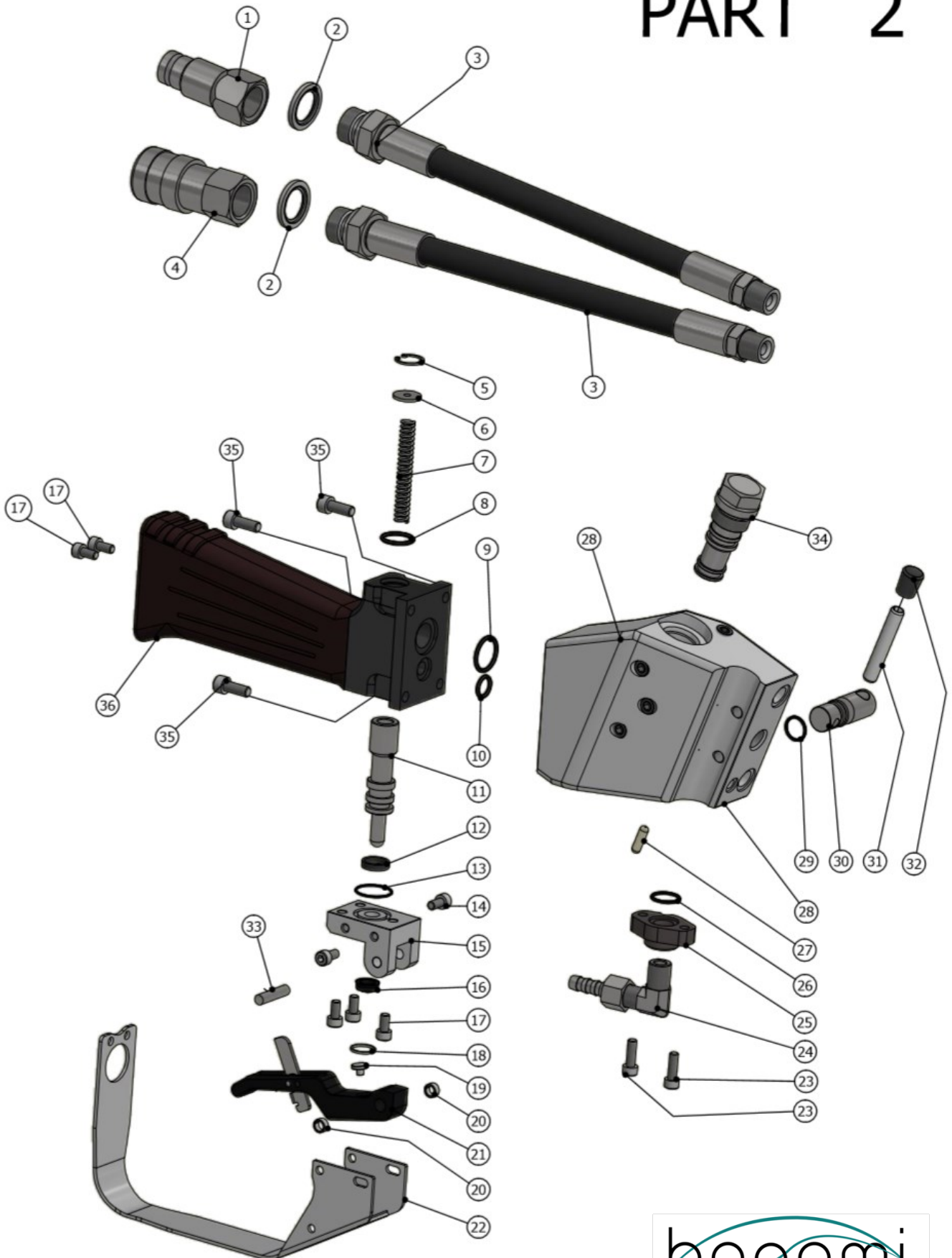


MITO Hydraulics Assembly Model A4M001 Spare parts list (1)

PARTE 1			PART LIST Reference exploded view May 2019 revision 0	
POSITION	QUANTITY	DESCRIZIONE	DESCRIPTION	CODICE DOA DOA CODE
1	1	CORPO PORTA MOTORE	MOTOR BODY	D711015
2	1	CORPO INTERMEDIO	CENTRAL BODY	D721243
3	1	GUARNIZIONE ■	GASKET ■	A651230
4	1	SEEGER	SEEGER	A501026
5	1	ALBERINO	SHAFT	D701611
6	1	CUSCINETTO	BEARING	A611045
7	1	SEEGER	SEEGER	A501025
8	1	DISTANZIALE CUSCINETTO	BEARING SPACER	D701354
9	1	CONTROFACCIA TENUTA MECCANICA	MECHANICS SEALING FACING	D701353
10	1	O-RING ■	O-RING ■	A651229
11	1	TENUTA MECCNICA	MECHANICS SEALING	D701352
12	1	O-RING ■	O-RING ■	A651120
13	1	RONDELLA	WASHER	D701368
14	1	MOLLA	SPRING	D501039
15	1	SEEGER	SEEGER	A501024
16	1	BOCCOLA	BUSHING	A611050
17	1	SEEGER	SEEGER	A501028
18	4	SPINA RIFERIMENTO	DRIVE PIN	D701358
19	4	O-RING ■	O-RING ■	A651221
20	1	ASSIEME ROTORI 6CC	GEROTORS ASSY	D921009
21	1	RULLO TRASCINAMENTO	KEY	A611044
22	3	O-RING ■	O-RING ■	A651112
23	1	CUSCINETTO A RULLI	NIDDLE BEARING	A611046
24	1	COPERCHIO MOTORE	MOTOR CUP	D711014
25	6	VITE	SCREW	A621271
26	2	SPINA	DOWEL PIN	A631041
27	1	O-RING ■	O-RING ■	A651221
28	2	VITE	SCREW	A621273

MITO Hydraulics Assembly Model A4M001 Spare parts View (2)

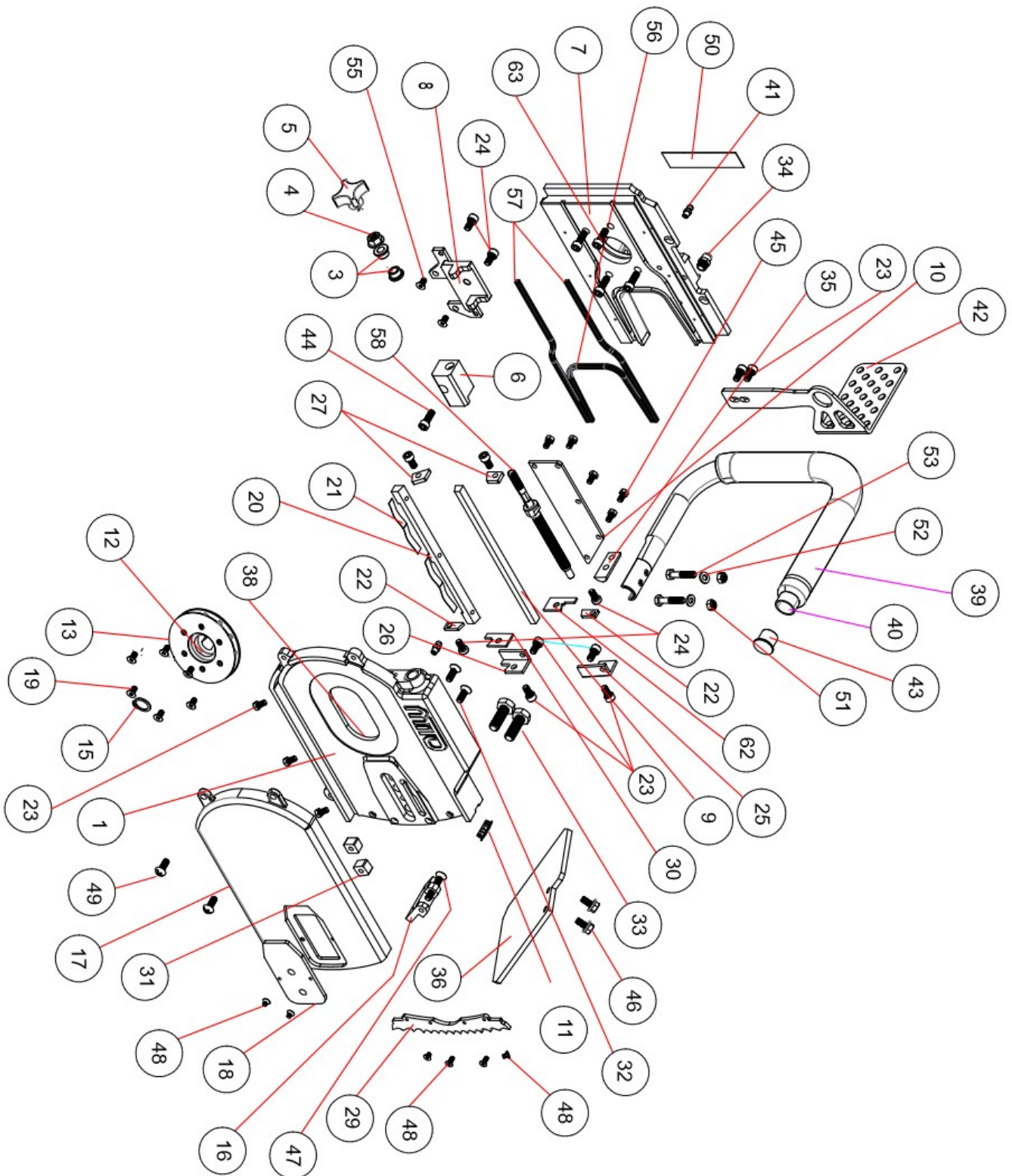
PART 2



MITO Hydraulics Assembly Model A4M001 Spare parts list (2)

PARTE 2			PART LIST Reference exploded view May 2019 revision 0		
POSITION	QUANTITY	DESCRIZIONE	DESCRIPTION	CODICE DOA DOA CODE	
1	1	INNESTO RAPIDO MASCHIO	MALE QUICK RELEASE COUPLING	A161026	
2	2	RONDELLA DI TENUTA	SEAL WASHER	A651200	
3	2	ASSIEME TUBO	HOSE ASSY	D151028	
4	1	INNESTO RAPIDO FEMMINA	FEMALE QUICK RELEASE CUPLING	A161025	
5	1	SEEGER	SEEGER	A501015	
6	1	DISTANZIALE	SPACER	D401793	
7	1	MOLLA	SPRING	D501044	
8	1	O-RING	O-RING	A651306	
9	1	O-RING	O-RING	A651053	
10	1	O-RING	O-RING	A651066	
11	1	SPOOL ON-OFF	SPOOL ON-OFF	D701469	
12	1	O-RING	O-RING	A651305	
13	1	O-RING	O-RING	A651075	
14	2	VITE	SCREW	A621127	
15	1	FORCELLA	FORK	D721235	
16	1	GUARNIZIONE	SEAL	A651315	
17	5	VITE	SCREW	A621127	
18	1	SEEGER	SEEGER	A501034	
19	1	PASTIGLIA DI CONTATTO	TAPPET	D701244	
20	2	BOCCOLA	BUSHING	A611028	
21	1	LEVA ON-OFF	ON-OFF LEVER	D921217	
22	1	PROTEZIONE	GUARD	D401252	
23	2	VITE	SCREW	A621150	
24	1	RACCORDO PORTA GOMMA	ELBOW COUPLING	D901157	
25	1	FLANGIA ATTACCO ACQUA	WATER FLANGE CLAMP	D711018	
26	1	O-RING	O-RING	A651075	
27	1	SPINA	DOWEL PIN	A631042	
28	1	BLOCCO VALVOLE	MAIN FOLD	D711017	
29	1	O-RING	O-RING	A651272	
30	1	RUBINETTO ACQUA	WATER TAP	D701365	
31	1	SPINA ELASTICA	SPRING PPIN	A631043	
32	1	PUNTALE LEVA	KNOB	A301047	
33	1	SPINA	PIN	A631030	
34	1	VALVOLA PORTATA	FLOW VALVE	D131001	
35	4	VITE	SCREW	A621002	
36	1	IMPUGNTURA GOMMATA	HANDLE	D721234	

MITO Hydraulic QT Model A4M001 Spare Part View

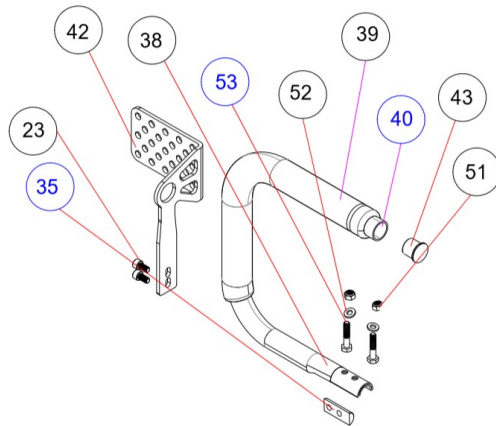


MITO Hydraulics QT Model A4M001 Spare Parts list

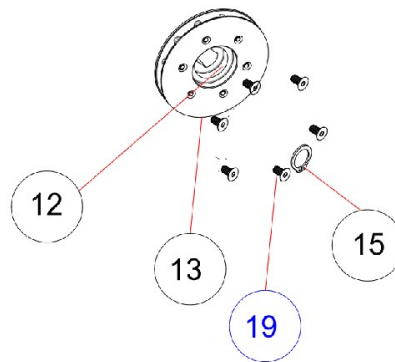
MITO QTH 6-10 GPM CODE		A4M001	
ITEM NO.	Part n°	DESCRIPTION	QTY.
1	A3M001003	Main body - Bar Holder	1
2	A4M001075	DOA MOTOR PART ASSEMBLED 6-10 GPM	1
3	A3M004020	Main screw Brass bushing	2
4	A3M004021	M8 Flanged nut	1
5	A3M004022	M8 Threaded Knob	1
6	A3M004005	QT Barrel, bronze	1
7	A4M001001	Base Support - Motor Plate	1
8	A3M004001	Nut Bracket (New Pennon)	1
9	A3M001002	Upper bronze slide	1
10	A3M001005	Main Screw Box Cover	1
11	A3M004023	Metal Round Plug for pannel	1
12	A3M004013	Sprocket Body 1543 QTHU Z12	1
13	A3M004014	Dia 82 mm Sprocket Flange M4 Screws	1
14	A3M004024	M4x10 FHCS	6
15	A3M004025	Seeger 0,588" grove D.09"Od clearance	1
16	A3M001044	Bracket Mood Flap	1
17	A3M001004	Main side Cover	1
18	A3M001033	Bar Clamp Flange (cover)	1
19	A3M001056	M4X10 FHCS	6
20	A3M001021	Lower bronze Rail	1
21	A3M004027	Wave Spring 1 mm th...mm	2
22	A3M004003	Front Bronze bar stopper	2
23	A3M001070	M6x10 SHCS	7
24	A3M004029	M6x12 LSHCS	4
25	A3M004002	Upper Front Seal Locker	1
26	A3M004006	Lower Front Seal Locker	1
27	A3M004004	Back Bronze slide stopper	2
29	A3M004008	Tiger Grip	1
30	A3M004009	Front Lower back scraper	1
31	A3M001032	Bar Holder BLOCK	2
32	A3M004030	M6x22 SHCS	2
33	A3M004031	M10x30 exa. Cup screw	2
34	A3M004032	Water Connection Plug	1
35	A3M001042	Handle screw bushing	1
38	A3M004047	OR MAINBODY BAR HOLDER	1
36	A3M001045	Mud Flap	1
39	A3M004010	Yellow pipe corrugated cover	1
40	A3M001046	Handle	1
41	A3M001037	Grease nipple M6x1	2
42	A3M001041	Handle Link Guitar + protection	1
43	A3M004007	Rubber Cup Handle OD 22, ID 19	1
44	A3M001071	M6x15 SHCS	1
45	A3M004036	M5x10 HHCS	5
46	A3M004037	M6x12 FHHCS	2
47	A3M004038	M6x35 FHCS	1
48	A3M004039	M4X6 FHCS	2
49	A3M004040	M6x16 HHCS	2
51	A3M004041	M6 locknut	2
52	A3M004042	M6 washer	2
53	A3M004039	M6x30 HECS	2
54	A3M004043	M4X6 FHCS	2
55	A3M004044	M5x10 FHCS	2
56	A3M004045	OR Cord C shaped front	1
57	A3M004046	OR Cord shaped T.B.	2
58	A3M001010	Main sciew	1
62	A3M004011	Front Upper back scraper	1
63	A4M004080	M8x30 FHCS	4

MITO Hydraulics Model A4M001 Spare Part Preassembled

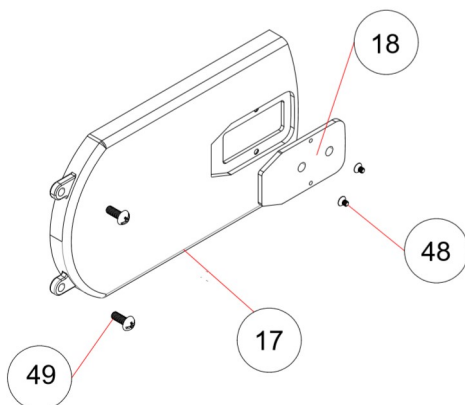
A3S004001 - Handle



A3SP04001 - Sprocket - 1543-SP.Z12 QTH

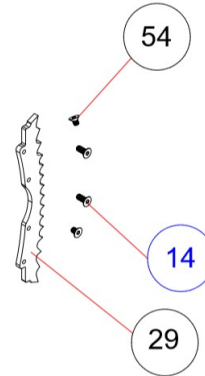


A3S004003 - Main Side Cover

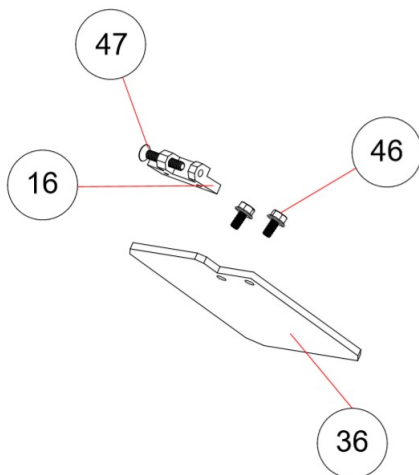


MITO Hydraulics Model A4M001 Spare Part Preassembled

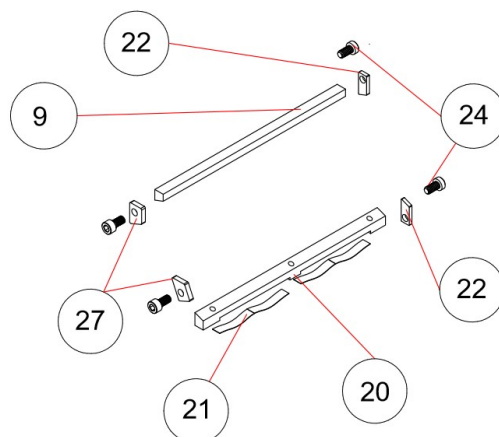
A3S004004 - Tiger Grip



A3S004005 - Mud Flap

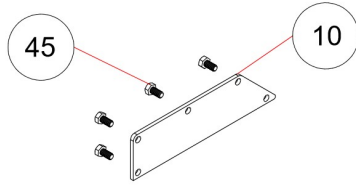


A3S004006 - Bronze rail

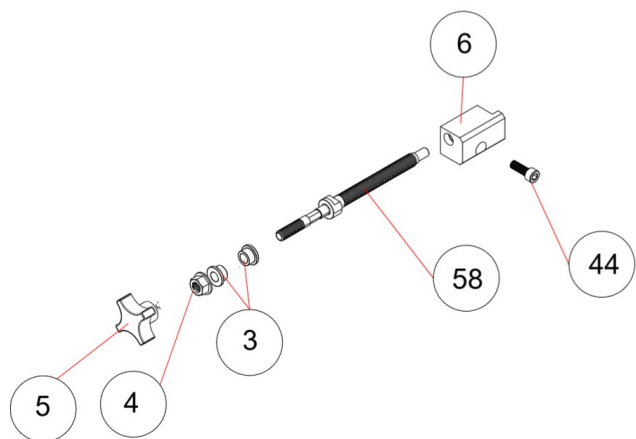


MITO Hydraulics Model A4M001 Spare Part Preassembled

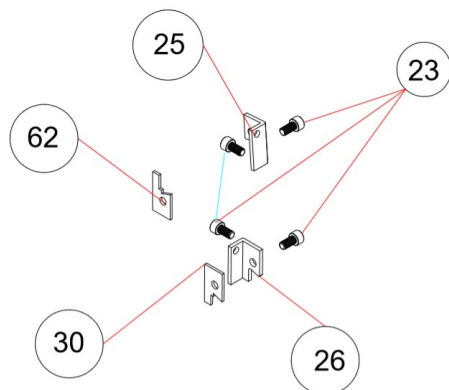
A3S004007 - Main Screw Bar Cover



A3S004008 - Main Screw



A3S004009 - Front Scraper



MITO Hydraulics Model A4M001 Spare Part Preassembled

PART ASSEMBLED

A3S004001 Handle			
ITEM NO.	Part n°	DESCRIPTION	QTY.
23	A3M001070	M6x10 SHCS	7
35	A3M001042	Handle screw bushing	1
39	A3M004010	Yellow pipe corrugated cover	1
40	A3M001046	Handle	1
42	A3M001041	Handle Link Guitar + protection	1
43	A3M004007	Rubber Cup Handle OD 22, ID 19	1
51	A3M004041	M6 locknut	2
52	A3M004042	M6 X 12 STEEL washer	2
53	A3M004039	M6x30 HHCS	2

A3SP04001 Sprocket Z12			
ITEM NO.	Part n°	DESCRIPTION	QTY.
12	A3M004013	Sprocket Body 1543 QTHU Z12	1
13	A3M004014	Dia 82 mm Sprocket Flange	1
15	A3M004025	Seeger 0,588" grove D.09"	1
19	A3M001056	M4 x 10 SHCS	6

A3S004003 Main side Cover			
ITEM NO.	Part n°	DESCRIPTION	QTY.
17	A3M001004	Main side Cover	1
18	A3M001033	Bar Clamp Flange (cover)	1
48	A3M004039	M4X6 FHCS	2
49	A3M004040	M6x16 SHCS	2

A3S004004 TIGER GRIP			
ITEM NO.	Part n°	DESCRIPTION	QTY.
14	A3M004024	M4x6 FHCS	6
29	A3M004008	Tiger Grip	1
54	A3M004043	M4X6 FHCS	2

A3S004005 Mud Flap			
ITEM NO.	Part n°	DESCRIPTION	QTY.
16	A3M001044	Bracket Mud Flap	1
36	A3M001045	Mud Flap	1
46	A3M004037	M6x12 FHHCS	2
47	A3M004038	M6x35 FHCS	1

A3S004006 Bronze Rail			
ITEM NO.	Part n°	DESCRIPTION	QTY.
9	A3M001002	Upper bronze slide	1
20	A3M001021	Lower bronze Rail	1
21	A3M004027	Wave Spring 1 mm th...mm	2
22	A3M004003	Front Bronze bar stopper	2
24	A3M004029	M6x12 LHHCS	4
27	A3M004004	Back Bronze slide stopper	2

A3S004007 Mainscrew Bar Cover			
ITEM NO.	Part n°	DESCRIPTION	QTY.
10	A3M001005	Main Screw Box Cover	1
45	A3M004036	M5x10 HHCS	5

A3S004008 Main Screw			
ITEM NO.	Part n°	DESCRIPTION	QTY.
3	A3M004020	Main screw Brass bushing	2
4	A3M004021	M8 Flanged nut	1
5	A3M004022	M8 Threaded Knob	1
6	A3M004005	QT Barrel, bronze	1
44	A3M001071	M6x15 SHCS	1
58	A3M001010	Main scw	1

A3S004009 Front Scraper			
ITEM NO.	Part n°	DESCRIPTION	QTY.
23	A3M001070	M6x10 SHCS	4
25	A3M004002	Upper Front Seal Locker	1
26	A3M004006	Lower Front Seal Locker	1
30	A3M004009	Front Lower back scraper	1
62	A3M004011	Front Upper back scraper	1