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1. THE MACHINE USES AND CHARACTERISTICS

The Model FTL-32 Pneumatic tensioner tool and model FTS-32 Pneumatic Sealer tool are the latest designs for the use of Packing, All operations are air powered, The packing operations as a whole consists of tensioner and breaking, In Order to Perform this operation, the FTL-32 must be used together with FTS-32.

They combine the advantages of light weight simplicity of operation, quickly pack safety, easy to move, They can be used for packing different kinds of material, such as crate, tubular product, shape steel, rebar. ingot and large article, They are ideal tools for standardized package.

2. SPECIFICATION

Model FTL-32 Pneumatic tensioner tool

Air Pressures	0.49~0.63Mpa
Tensioning speed (with no load)	85mm/sec
Strap tension	8.5kN
Weight	4.1kg
Steel starp to be used	32 × (0.6~1.2)mm

Model FTS-32 Pneumatic sealer tool

Air Pressures	0.49~0.63Mpa
Weight	3.1kg
Double clip endurance	15kN
Steel starp to be used	-19/-25/-32(0.6~1.2)mm

3. OPERATION INSTRUCTION



1. The strap is through a seal, around the package to be strapped and then through the seal again, bend strap away from seal at about 50mm.



2. Hold the motor body, press handle with thumb, insert the top strap (which in the seal) into tighten wheel and idler wheel, and then release the handle. Fig 2

SEPARATE PNEUMATIC STRAPPING TOOLS



3. The end of motor, rotating ring, with three grades (stop, semi- operate, operate). Turn the rotation ring clockwise, rotating tighten wheel make strap tension, when strap tightened enough, tighten wheel stop rotating, but rotation ring still at operate grade.



4. Place FTS-32 pneumatic sealer on the seal, press switch handle to form the joint.



5: When the joint is completed, by tilting pneumatic sealer up vertical position until the strap to break. Then turn rotation ring to stop grade. Fig 5

4. MATTERS NEEDING ATTENTION

1. Fill the lubricator with 22# steam turbine oil to keep a quantity of lubricating oil in the motor and the cylinder when the motor is running. The oil must drop through the lubricator at a rate of 40 drops to 60 drops per minute anymore, if some drops 20g can be filled into the tool directly before daily operation, the operation will be successful. Clean the lubricator and the filter with kerosene at least one time in six months during operation.

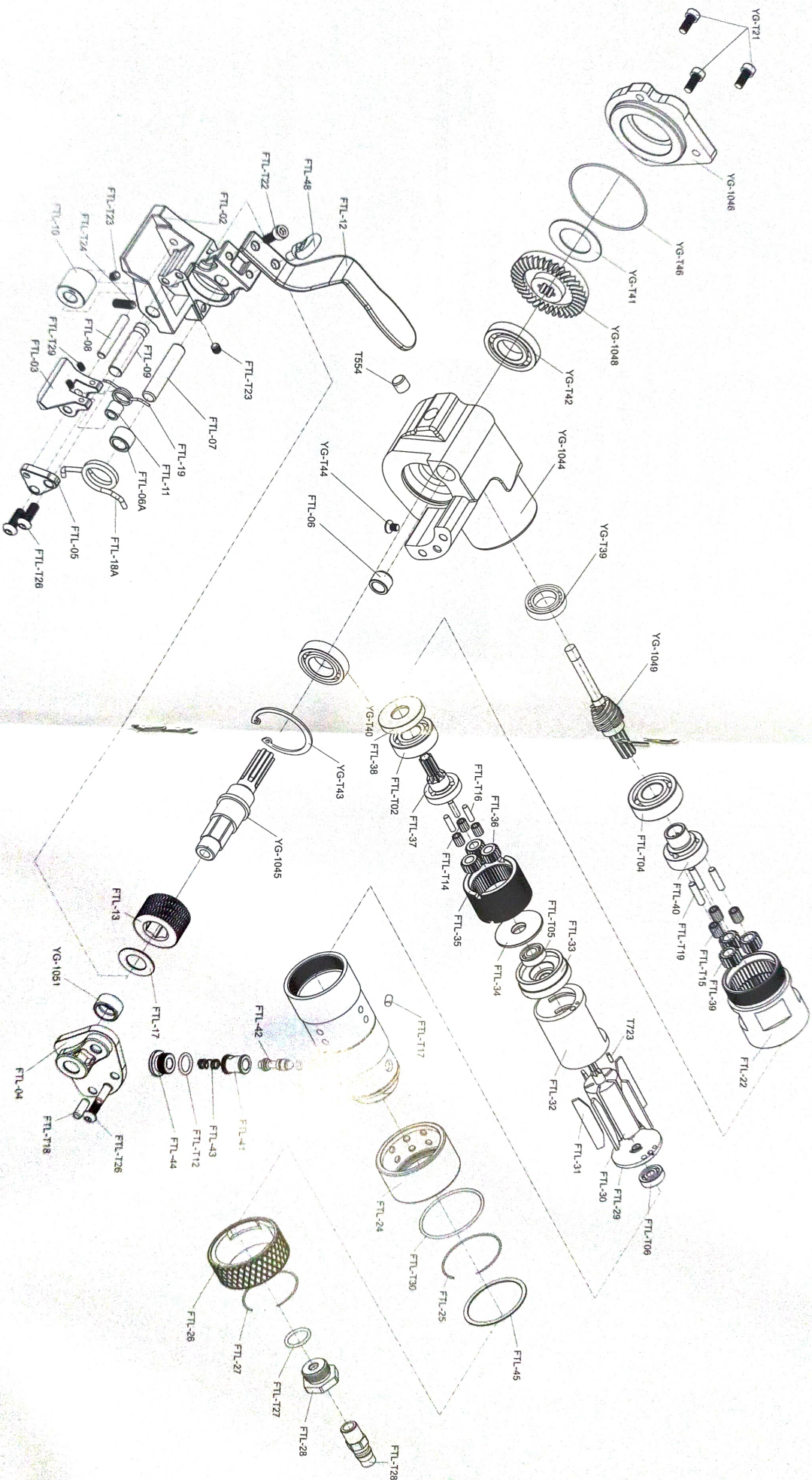
2. Adjusting the air pressure within the range of 0.49Mpa to 0.63Mpa to obtain enough air pressure, otherwise, the bundling quality will be affected.

3. Be careful of the interval which is from 0.1mm to 0.3mm between the tension wheel and the idler wheel, otherwise, it should be adjusted.

4. During the operation, keep a quantity of lubricating oil in turning or rolling parts. Eliminate the iron filings on the feedwheel in time.

5. Check the filter and the regulating valve regularly. Drain the water from the filter daily.

5. MODEL FTL32 PARTS ASSEMBLY



Note: The manual is for reference only, the real object shall prevail in case of any change.

6. MODEL FTL32 PNEUMATIC TENSIONER TOOL PARTS LIST

Item No.	Drawing No.	Description	Ratio
2010014333	FTL-02	Base	1
2010014334	FTL-03	Cutter body	1
2010014335	FTL-04	Front side panel	1
2010014352	FTL-05	Blade clamp	1
2010014286	FTL-06	Bush-1	1
2010014287	FTL-06A	Bush-2	1
2010014288	FTL-07	Pin-1	1
2010014289	FTL-08	Pin-2	1
2010014290	FTL-09	Pin-3	1
2010014291	FTL-10	Idler wheel	1
2010014292	FTL-11	Spring bushing-1	1
2270099138	FTL-12	Handle	1
2010014354	FTL-13	Tighten wheel	2
2270013006	FTL-17	Washer-1	1
1030126448	FTL-18A	Main torsion spring	1
1030114490	FTL-19	Torsional spring	1
2010014336	FTL-22	Inner wheel -1	1
2010014337	FTL-23	Motor	1
2010014338	FTL-24	Exhaust ring	1
1030114486	FTL-25	65Mn clamp spring-1	1
2010014339	FTL-26	Rotating ring	1
1030114488	FTL-27	65Mn clamp spring-2	1
2010014293	FTL-28	Bushing-1	1
2010014340	FTL-29	Large back cover	1
2010014089	FTL-30	Trochanter	1
2010014090	FTL-31	Blade	5
2010014091	FTL-32	Cylinder	1
2270013939	FTL-33	Large front cover	1
2270014069	FTL-34	Bearing base washer-1	1
2010014092	FTL-35	Inner wheel 2	1
2010014093	FTL-36	Planet wheel-1	3
2010014094	FTL-37	Planet carrier-1	1
2270014228	FTL-38	Bearing washer-2	1
2010014095	FTL-39	Planet wheel-2	3
2010014096	FTL-40	Planet carrier-2	1
2010014294	FTL-41	Valve	1
2010014295	FTL-42	Valve element	1
1030114489	FTL-43	Pressure spring	1
2270014720	FTL-44	Pressure button	1

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Continued

Item No.	Drawing No.	Description	Ratio
2010014359	FTL-45	Plain washer	1
1030117893	FTL-48	Rings M6*12	1
1030119481	FTL-49	FTL nameplate sticker	1
1030213147	YG-1044	Gearbox	1
2010093679	YG-1045	Drive shaft	1
1030213148	YG-1046	Gearbox cover	1
2010093680	YG-1048	Worm wheel	1
2010093681	YG-1049	Worm	1
2011000188	YG-1051	Bush-3	1
1021400115	FTL-T02	Bearing 6202-2Z	1
1021401821	FTL-T05	Import bearing689RS	1
1021401564	FTL-T06	Import bearing626-2Z	1
1030115212	FTL-T10	T10 O type ring (Inner hole 6*1)	1
1030113411	FTL-T11	T11 O type ring (Inner hole 5*1.5)	1
1030114756	FTL-T12	T12 O type ring (Inner hole 12*2)	1
1031011813	FTL-T12A	O type ring (Inner hole 10*1.2)	1
1021401822	FTL-T14	T14 needle-1	33
1021401823	FTL-T15	T15 needle-2	39
2010014297	FTL-T16	Planet pin-1	3
2010014298	FTL-T17	Spacer pin	1
2010014299	FTL-T18	Pin-4	2
2010014300	FTL-T19	Planet pin-2	3
1030140007	T723	Elastic pin Φ 2.5*10	1
1030102198	FTL-T22	Black hexagon cylinder head screw 12.9 grade M6*16	1
1030115214	FTL-T23	Black hexagon socket set screw 10.9 grade M6*6	1
1030117244	FTL-T23B	Black hexagon socket set screw 10.9 grade M6*4	1
1030115215	FTL-T24	Black hexagon socket set screw 10.9 grade M6*16	1
1030115224	FTS-17	Black hexagon cylinder head screw 12.9 grade M6*18	3
1030115218	FTL-T27	O type ring (Inner hole 16*2.3)	1
1020902193	FTL-T28	Air inflow contactor	2
1030115219	FTL-T29	Black coating set screw 10.9 grade M4*6	2
1030115220	FTL-T30	O type ring (Inner hole 48*2)	1
1021401556	T554	Sealed cup needle roller bearing BK0810	1
1030125480	YG-T21	Black hexagon cylinder head screw 12.9 grade M6*16	3
1021400012	YG-T39	16003 bearing 17*35*8	1
1021400013	YG-T40	16004 bearing 20*42*8	1
1021402776	YG-T41	Bearing AXK2542	1
1021400171	YG-T42	Bearing 6905 (25*42*9)	1
1030126383	YG-T43	Hole retaining ring Φ 42	1
1030126384	YG-T44	Hexagon socket head screw M5*8	1
1030214033	YG-T46	O-ring (inner diameter 57*1.5)	1

SEPARATE PNEUMATIC STRAPPING TOOLS

8. MODEL FTS-32/-25/-19 PNEUMATIC SEALER TOOLS PARTS LIST

Item No.	Drawing No.	Description	Ratio
2010014341	FTS-01	Cylinder body	1
2010014342	FTS-02	Piston	1
2010014344	FTS-03	Cylinder cover	1
2010014277	FTS-03A	Valve-1	1
2010014278	FTS-04	Valve-2	1
2010014279	FTS-05	Valve element	1
2010014358	FTS-06	Button	1
1030113407	FTS-07	O type ring-1 (Inner hole 11*1.5)	1
1030103592	FTS-08	Steel ball SD8	1
1030114484	FTS-09	65Mn valve element spring	1
2010014361	FTS-10	Panel	2
2010014280	FTS-11	Screw barrel	1
1030115221	FTS-12	Hexagon socket countersunk flat cap head screw 10.9 grade	2
2010014317	FTS-13	Fixed jaw	2(32MM)
22700093201	FTS-13-1	Fixed jaw (25)	2(25MM)
22700093202	FTS-13-2	Fixed jaw (19)	2(19MM)
2010014281	FTS-14	Locating pin	2
2010014282	FTS-15	Contour screw	2
1030118006	SP301-T03	Locknut M6	2
1030115224	FTS-17	Black cylinder head hex socket 12.9 grade M6*18	4
1030115225	FTS-18	Spring washer	4
1030115226	FTS-19	O type ring-2 (Inner hole 17*1.5)	3
1030114497	FTS-21	Y type oil seal (Outer110*Inner98*Thick8.5)	1
1030115223	FTS-22	Flange retaining nut (white) M8	1
1030100109	FTS-23	Flower pattern washer (Outer19*Inner8.4*Thick2)	1
2010014283	FTS-25	Connecting rod pin-2	2
2010014446	FTS-26	Connecting rod	4
2010014284	FTS-27	Connecting rod pin-1	2
2010014316	FTS-28	Movable jaw (32)	2(32MM)
2270093875	FTS-28-1	Movable jaw (25)	2(25MM)
2270093876	FTS-28-2	Movable jaw (19)	2(19MM)
1030115230	FTS-29	"a" cylindrical pin screw-shaped groove M5*23	1
1030112875	FTS-30	Spring pin 3x25	1
2010014285	FTS-31	Bushing	1
1030117739	FTS-32	O type ring (Inner 22*2.5)	1
1030114485	FTS-33	65Mn pressure inner spring	1
1030114487	FTS-34	65Mn pressure outer spring	1
2010014345	FTS-36	Pull rod	1
1020902193	FTL-T28	Air inflow contactor	2
1030115229	FTS-37	Black hexagon socket et screw 10.9 grade M8*8	3
1030100081	T602	Plain washer	2
2010014825	FTS-38	Steel bushing	1
1030115427	FTS-40	Chinese instructions	1
1030115428	FTS-41	English Instruction	1
1030119482	FTS-39	FTS nameplate sticker	1
1030119491	FTS-39-A	FTS nameplate sticker (English)	1