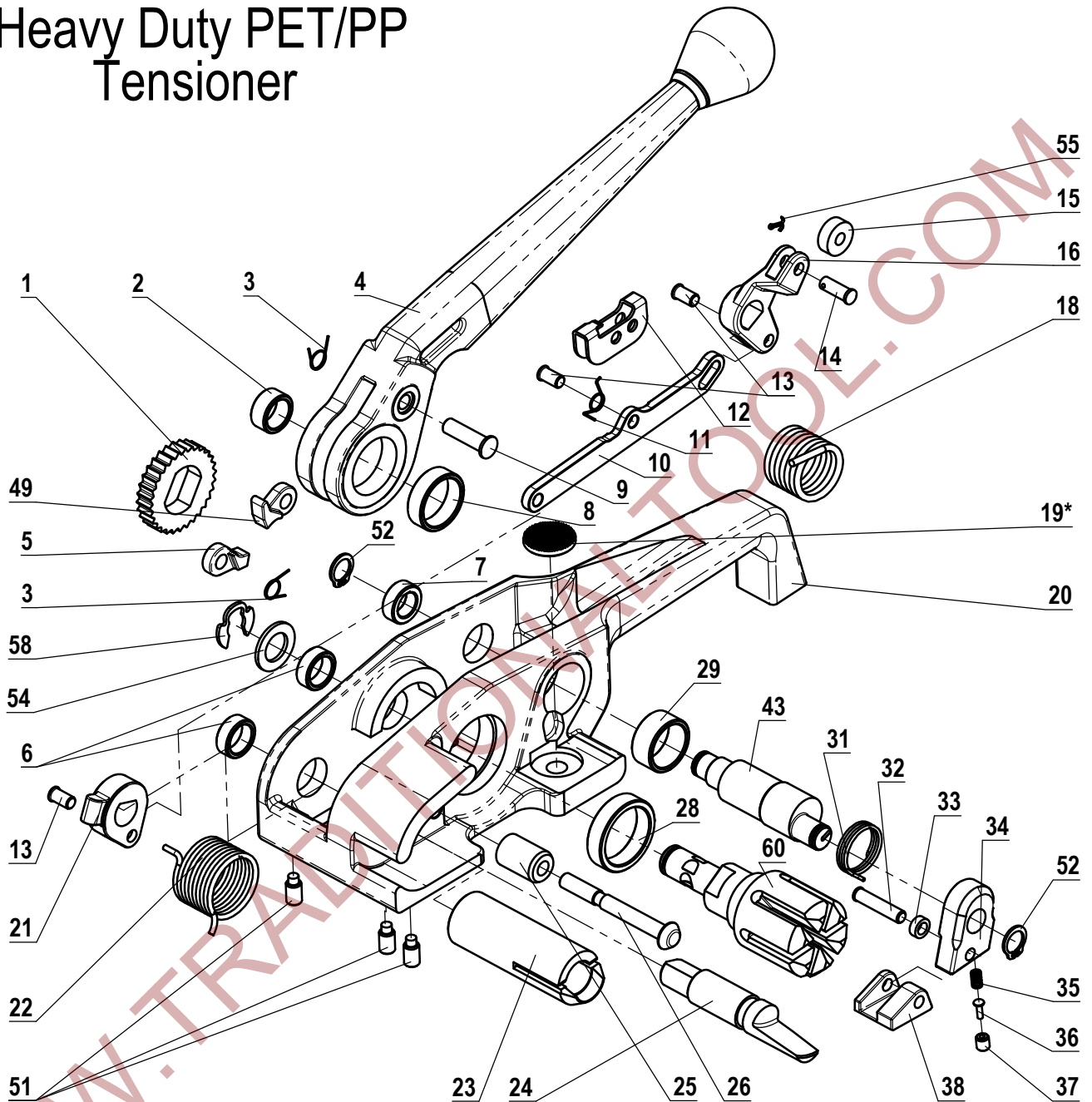


MUL-320

Heavy Duty PET/PP Tensioner

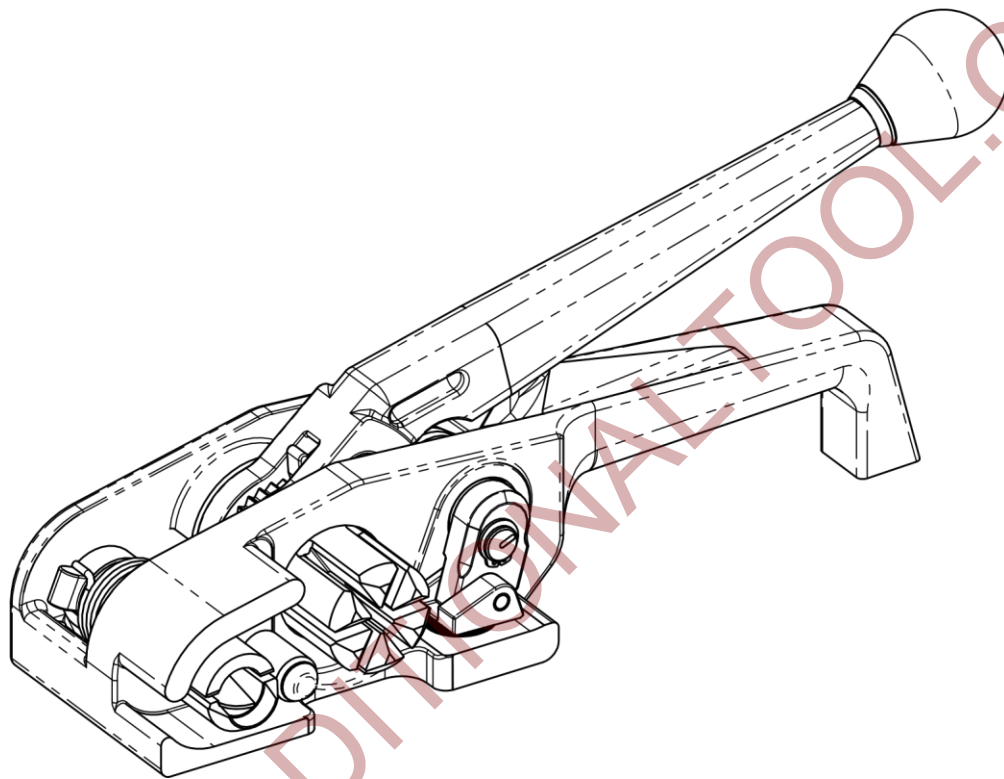


No	KEYNo	DESCRIPTION	QTY.	No	KEYNo	DESCRIPTION	QTY.	No	KEYNo	DESCRIPTION	QTY.
1	320-01	RATCHET WHEEL	1	16	320-16	LEVER	1	34	320-34	GRIPPER BODY	1
2	320-02	HANDLE BUSHING, SMALL	1	18	320-18	LEVER SPRING	1	35	320-35	GRIPPER FOOT SPRING	1
3	320-03	TENSION PAWL SPRING	2	19*	320-19	GRIPPER PAD	1	36	320-36	GRIPPER FOOT PIN	1
4	320-04	HANDLE	1	20	320-20	FRAME	1	37	320-37	GRIPPER FOOT SCREW	1
5	320-05	TENSION PAWL	1	21	320-21	CUTTER PIVOT LINK	1	38	320-38	GRIPPER FOOT	1
6	320-06	SIDE BUSHING	2	22	320-22	CUTTER SPRING	1	43	320-43	ECCENTRIC SHAFT	1
7	320-07	ECCENTRIC BUSHING, SMALL	1	23	320-23	CUTTER HOUSING	1	49	325-49	TENSION PAWL	1
8	320-08	HANDLE BUSHING, LARGE	1	24	320-24	CUTTER	1	51	320-51	SET SCREW M6X12 DOG POINT	3
9	320-09	HANDLE PIN	1	25	320-25	STRAP ROLLER	1	52	320-52	RETAINING RING 10	2
10	320-10	ARM	1	26	320-26	STRAP ROLLER SHAFT	1	54	320-54	WASHER	1
11	320-11	ARM SPRING	1	28	320-28	WINDLASS BUSHING	1	55	320-55	COTTER PIN	1
12	320-12	ARM PAWL	1	29	320-29	ECCENTRIC BUSHING, LARGE	1	58	325-58	KLIpring 7/16"	1
13	320-13	PIN	3	31	320-31	GRIPPER SPRING	1	60	325-60	WINDLASS	1
14	320-14	ROLLER PIN	1	32	320-32	GRIPPER FOOT SHAFT	1				
15	320-15	ROLLER	1	33	320-33	GPIPPER FOOT BUSHING	1				

* RECOMMEND USING SOME 2 PART EPOXY. NO GLUE SHOULD BE EXPOSED ABOVE GRIPPER PAD TEETH.

MUL-320 Tensioner for POLYESTER

Operation Manual



Strap Type	Polyester (PET), Polypropylene (PP)
Strap Width	Up to 3/4" (19 mm)
Strap Thickness	Up to 0.050" (1.27 mm)
Joint Type	Seal, buckle
Weight	3.6 lbs (1.6 kg)
Footprint	L: 4.75"; W: 2.75"
Handle Length	9"

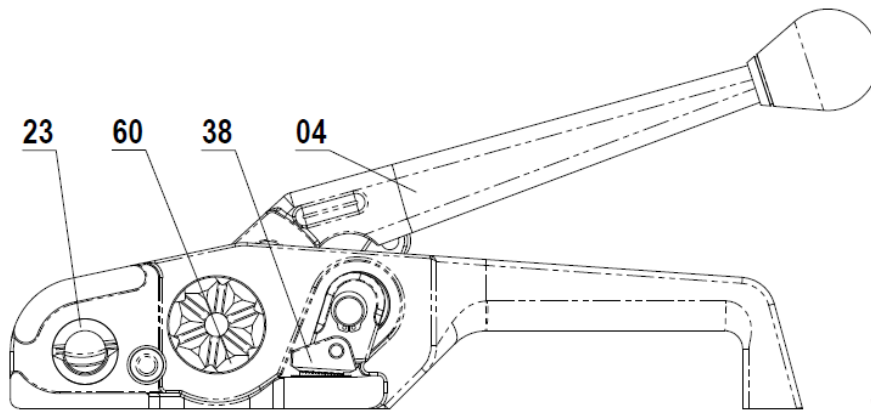


Fig. 1 – Starting Position

1. Raise **Gripper Foot 38** by pressing down on **Tension Handle 04**. Load bottom strap **101** under **Cutter Housing 23**, under **Gripper Foot 38** and leave at least 2" of the strap extended out from the front of the tool for seal placement as shown on Fig. 2.

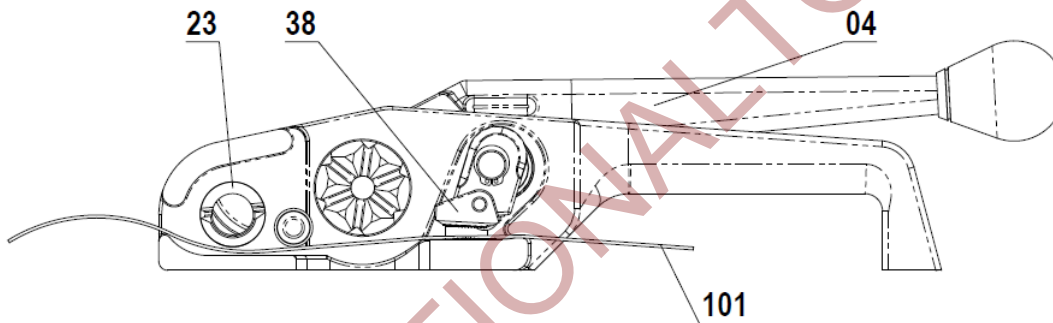


Fig. 2

2. Load upper strap **102** through **Cutter Housing 23**, through **Windlass 60** as shown on Fig. 3.

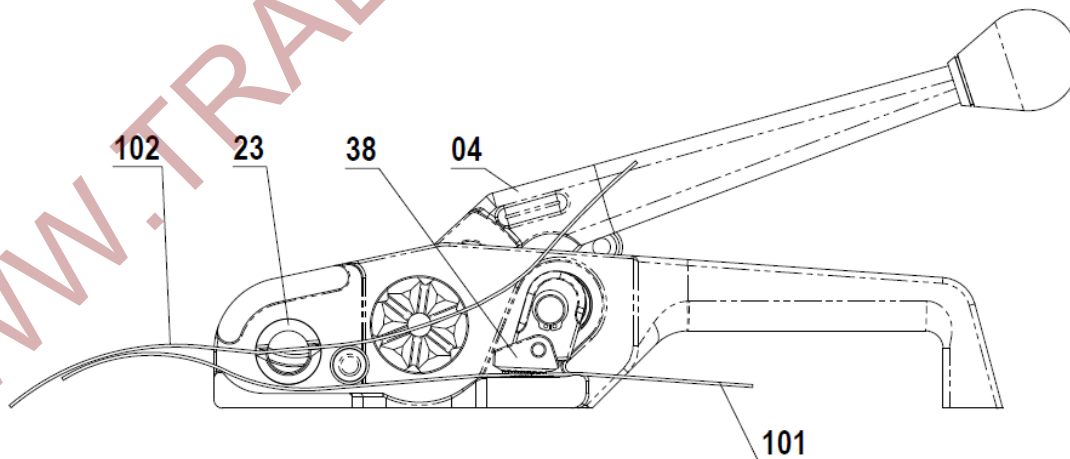


Fig. 3

3. Apply tension by ratcheting **Tension Handle 04** as shown on Fig. 4.

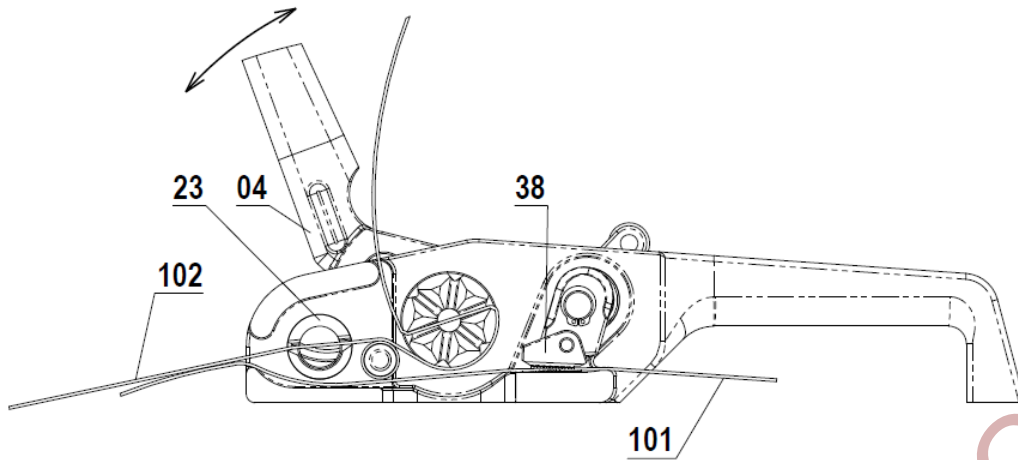


Fig. 4

4. Once satisfactory tension is achieved the strap is ready to be sealed. With the **Seal 103** securely in place use the appropriate **Sealer 104** to snap the **Seal 103**. Place the **Jaws 105** of the sealer on the middle of the **Seal 103** and press the **Handles 106** till they cannot be squeezed no further. Then unclenched the **Handles 106** and remove the **Sealer 104** as shown on Fig. 5

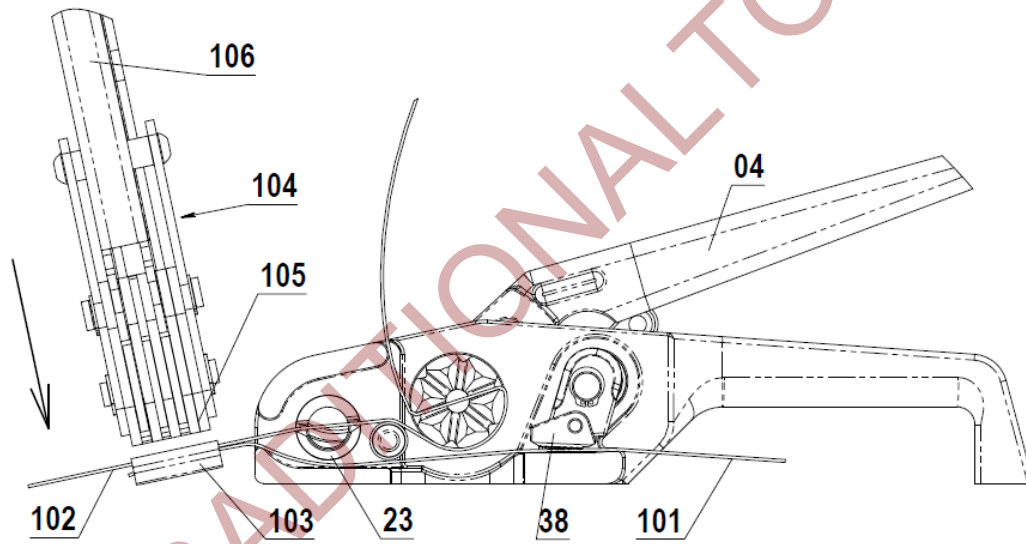


Fig. 5

5. Once the joint is secure the strap is ready to be cut. Push down on the **Tension Handle 04** until the strap is cut and slide the tensioner to the right to release the strap from under the **Gripper Foot 38** as shown on Fig-6. The operation cycle is now complete.

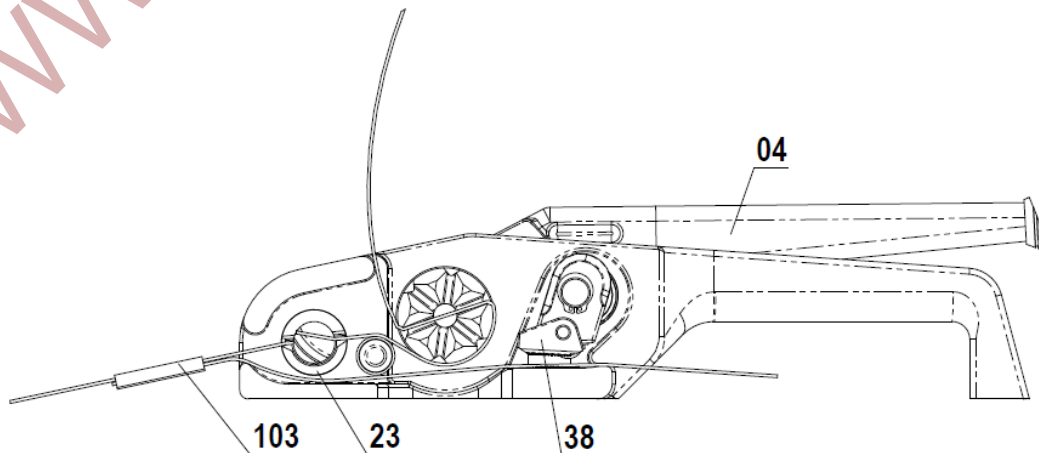


Fig. 6