

## Maintenance Manual DG-1000T

No.	Page	Description	Date
12	0.2 ÷ 0.9, 0.9a, 0.10 ÷ 0.12, 1.2, 1.5, 1.11, 1.14, 1.15, 1.27 ÷ 1.29, 1.33, 2.1, 2.4 ÷ 2.6, 3.3, 4.8, 5.1, 6.1, 6.2, 6.4, 8.3, 9.2, diagr. 1, 9, 11, encl. 4 pages 1, 2, 2a, 3, Z193, SI 67-07, remove 5EP50	Manual revision TN1000/18	February 2011
13	0.6, diagrams 8 and 9	Wheel brake TN1000/21	July 2011
14	0.2 ÷ 0.7, 0.10 ÷ 0.12, 1.3, 1.5, 1.11, 1.16, 1.29, 1.30, 2.1, 2.6, 3.1, 4.6, 4.10, 4.12, 4.13, 4.19, 4.20, 6.1, 7.1, 8.2, 8.3, diagrams: 2, 3, 9, Enclosure 4 pages: 4, 7	Manual revision TN 1000/24, New type 12V sockets and plugs, Changes due to TN 4603-14 of the Solo company (Exchange of the axle of the upper drive belt pulley on pages 4.19 and 4.20)	October 2014
15	0.2, 0.3 - 0.6, 0.9a, 0.11, 1.18, 3.5, 3.8, 4.20, 4.20a, 4.26, 4.28, 8.1 – 8.3 diagram 13, diagram 15, diagram 15a	Propeller adapter ring with elastomeric damper TN 1000/26 Alternative mechanical fuel pump TN 1000/28	August 2015
16	0.2 -0.6, 0.11, 0.12, 2.1, 2.2, 3.7, 6.3, 8.2, 8.3, diagram 2	Manual revision TN1000/32	July 2017
17	0.2, 0.3, 1.11	TN1000/34 small nose wheel	October 2017

## Maintenance Manual DG-1000T

### 0.2 List of effective pages

Section	page	issued	replaced/	replaced/	replaced/	
0	0.0	June 2005	January 2007			
	0.1	see manual amendments				
	0.2		"			
	0.3		"			
	0.4		"			
	0.5		"			
	0.6		"			
	0.7	June 2005	January 2007	Febr. 2011	Oct. 2014	
	0.8	"		Febr. 2011		
	0.9	"		Febr. 2011		
	0.9a	Febr. 2011		August 2015		
	0.10			Febr. 2008	March 2008	Oct. 2008
				Nov. 2008	Febr. 2011	Oct. 2014
0.11	"		Febr. 2011	Oct. 2014	August 2015	
0.12			July 2017			
			January 2007	Febr. 2011	Oct. 2014	
1	1.1	June 2005	January 2007			
	1.2	"	Febr. 2011			
	1.3	"	Oct. 2014			
	1.4	"				
	1.5	"	Febr. 2011	Oct. 2014		
	1.6	"				
	1.7	"				
	1.8	"				
	1.9	"		Febr. 2008		
	1.10	"		Febr. 2008		
	1.11	"		Febr. 2011	Oct. 2014	Oct. 2017
	1.12	"				
	1.13	"				
	1.14	"		March 2008	Febr. 2011	
	1.15	"		Febr. 2011		
	1.16	"		Oct. 2014		
	1.17	"				
	1.18	"		August 2015		
	1.19	"		March 2008		
	1.20	"				
	1.21	"				
	1.22	"		October 2006		
	1.23	"		October 2006		
	1.24	"				

### 1.6.3 Main wheel (non retractable Version)

see diagram 9

This landing gear version is equipped with a drum brake instead of a hydraulic disc brake.

### 1.6.4 Hydraulic brake system

a) Brake fluid approved specification DOT 3, DOT 4, SAEJ 1703.

The brake fluid must be exchanged at least every 4 years.

**Warning:** brake fluid is poisonous.

b) Adjustment: see section 1.5.2c)

If adjustment does not increase the braking effect as desired, the brake system is leaking or there is air in the brake system. Bleeding of the brake system see section 4.6.

c) The brake linings must be replaced if they are worn down to a thickness of 2.5 mm (0.098 in.). Removal of the brake calliper see section 4.5.1B or 4.5.2B..

Replacement set (2 linings, 6 rivets) Tost Nr. 075860.

d) The brake disc must be replaced if it is worn down to a thickness of 4.3 mm (0.17 in.).

### 1.6.5 Wheels, tyres, tyre pressures

#### Main wheel:

Tyre: 380 x 150 6 PR, diameter 380 mm (15 in.),

Wheel: Tost 5" wheel with disc brake, width 134 mm, axle 30 mm

Tyre pressure: 2,5 bar (36 psi)

#### Tail wheel:

Tyre 200 x 50 6 PR, diameter 200 mm (7,87in.)

Wheel: Plastic hub with ball bearings, part. No. S23

Tyre pressure 4 bar (58 psi)

#### Nose wheel (only version B) and C):

Tyre: 260 x 85 6 PR, diameter 260 mm (10,2 in)

Wheel: Tost 4" wheel, width 85 mm, axle 20 mm

Tyre pressure: 2,5 bar (36 psi)

#### Nose wheel (only version B) and C)) when TM1000/34 is performed:

Tyre: Tost Aero Classic 210x65 4PR, diameter 210 mm

Wheel: Tost 3" Moritz II, width 50 mm, axle 20 mm

Tyre pressure: 2,5 bar (36 psi)