

fig. 1

### 1.0 FOREWORD

This booklet is an integrating part of the product, and must be kept in a safe place for consultation during the whole life span of the machine.

To install the hydraulic lifting kit of the mower, on versions with mechanical lifting, it is necessary to remove some parts of the equipment.

Figure 1 shows the parts that are to be removed from the equipment:

- A- arm chain;
- B- hinge chain;
- C- lifting arm;
- D- equalizer.

Take off the hinge chain (B) and the lifting arm (C).

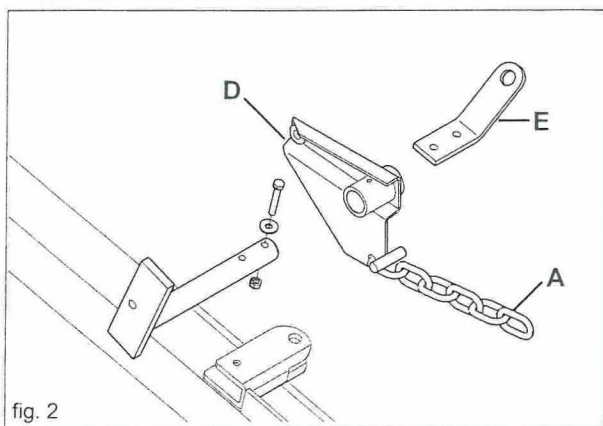
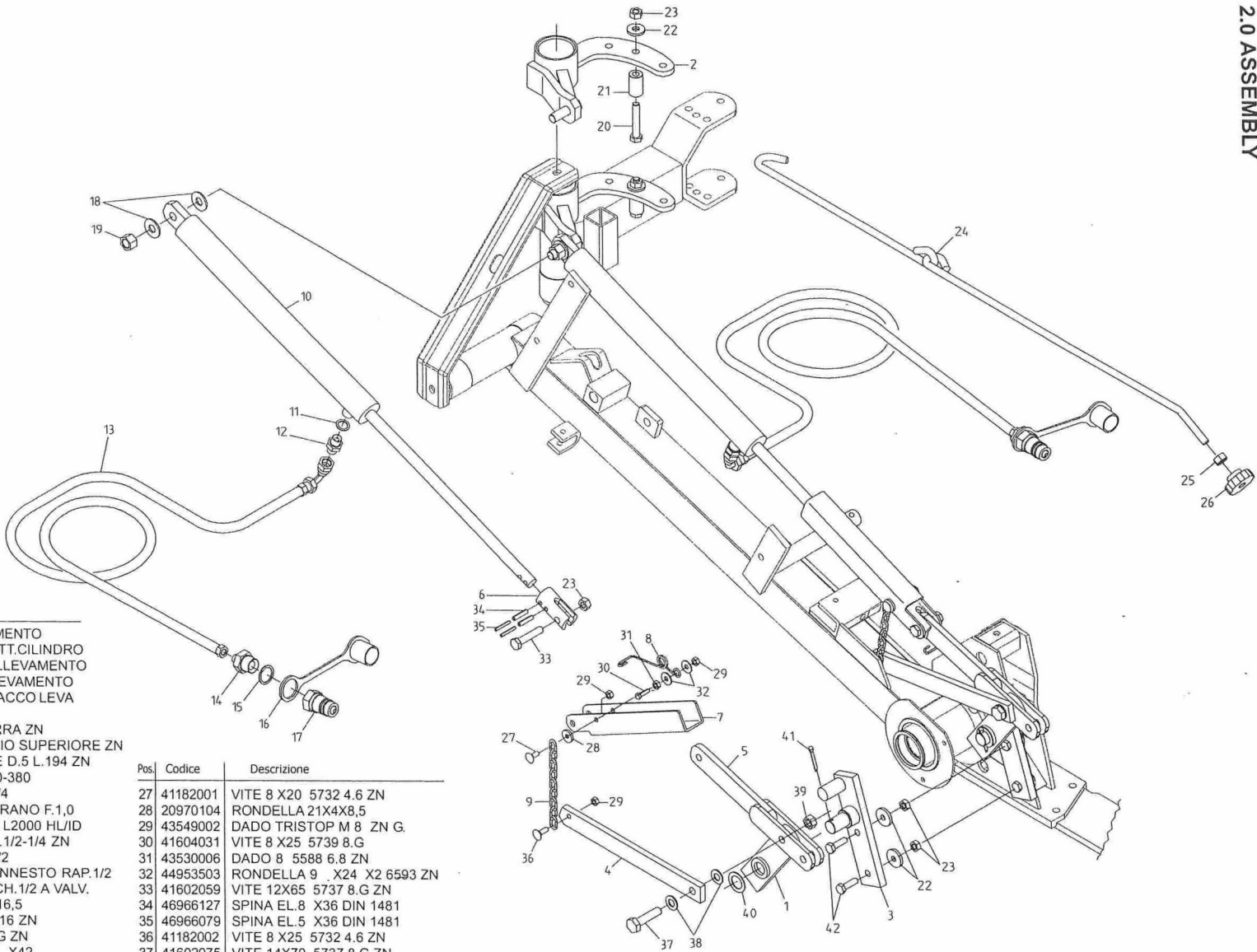


fig. 2

Take off the equalizer (D) and the arm chain (A Fig. 2), removing and then putting back the safety hook linkage (E).



Pos.	Codice	Descrizione
1	12217880	ASS.LEVA SOLLEVAMENTO
2	12217310	ASS.DISPOSITIVO ATT.CILINDRO
3	12217860	ASS.PIASTRADI SOLLEVAMENTO
4	12217910	ASTA FULCRO SOLLEVAMENTO
5	12217900	ASS.FORCELLAATTACCO LEVA
6	12216820	ATT. CILINDRO
7	12217920	FERMO ALZATA BARRA ZN
8	18903780	MOLLA TORS.GANCIO SUPERIORE ZN
9	12217930	CATENA GENOVESE D.5 L.194 ZN
10	21210002	CILINDRO D.40-D.20-380
11	67007269	RONDELLA RAME 1/4
12	16011690	MONT.NIPPLO 1/4 GRANO F.1,0
13	23440517	TUBO 1/4R2 C-F 1/4 L2000 HL/ID
14	67007291	NIPPLO MASCH.CIL.1/2-1/4 ZN
15	67007243	RONDELLA RAME 1/2
16	67008034	CAPPUCCIO PROT.INNESTO RAP.1/2
17	67007210	INNESTO RAP.MASCH.1/2 A VALV.
18	20970111	RONDELLA 29.8X2X16,5
19	43442009	DADO AUTOB.NOR.16 ZN
20	41602060	VITE 12X70 5737 8.G ZN
21	18802150	BOCCOLA 12,3 X25 X42
22	20970085	RONDELLA 40X4X13
23	43442007	DADO AUTOB.NOR.12 ZN
24	12217450	ASS.TIRANTE LAMONE ZN
25	43530009	DADO 14 5588 6.8 ZN
26	67008029	VOLANT.6 LOBI M14 VB60 6113080

Pos.	Codice	Descrizione
27	41182001	VITE 8 X20 5732 4.6 ZN
28	20970104	RONDELLA 21X4X8,5
29	43549002	DADO TRISTOP M 8 ZN G.
30	41604031	VITE 8 X25 5739 8.G
31	43530006	DADO 8 5588 6.8 ZN
32	44953503	RONDELLA 9 X24 X2 6593 ZN
33	41602059	VITE 12X65 5737 8.G ZN
34	46966127	SPINA EL.8 X36 DIN 1481
35	46966079	SPINA EL.5 X36 DIN 1481
36	41182002	VITE 8 X25 5732 4.6 ZN
37	41602075	VITE 14X70 5737 8.G ZN
38	44953006	RONDELLA D14 UNI 6592 ZN
39	43442008	DADO AUTOB.NOR.14 ZN
40	20970070	RONDELLA 40X2X26
41	45961084	COPIGLIA 5 X35 1336 ZN
42	41602054	VITE 12X40 5737 8.G ZN

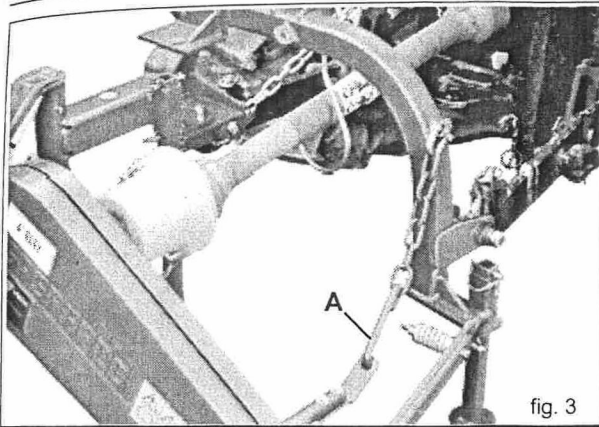


fig. 3

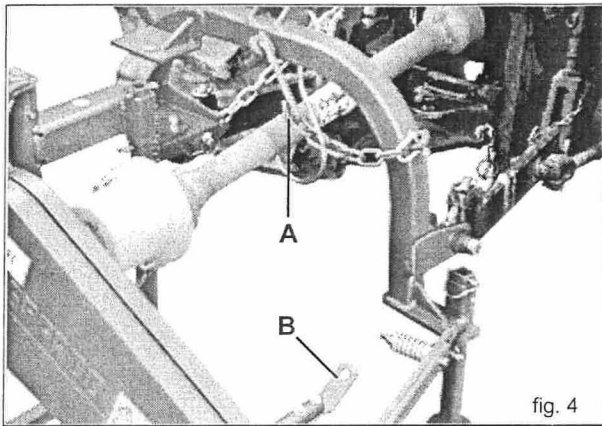


fig. 4

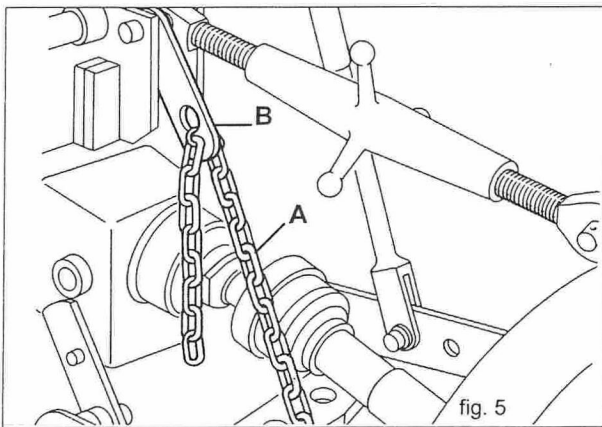


fig. 5

### 3.0 OPERATING INSTRUCTIONS

To connect the equipment to the tractor, carefully follow the instructions given in the manual for use and maintenance supplied with it.

#### 3.1 POSITION SETTINGS

After you have installed the kit by referring to the diagram, pay attention to the following.

Pull out the safety hook (A Fig. 3) and place it in the upper housing of the frame.

Adjust the minimum length for hooking it in the hole (B Fig. 4) with the equipment raised.

Adjust the height of the equipment with respect to the tractor, by means of the chain (A Fig. 5), moving the rings in the hole of the plate (B Fig. 5).

When you have finished making the adjustment, mark the used chain ring to avoid having to repeat the above operation every time you apply the equipment to the tractor.

**NOTE:** for further information on the use and maintenance of the equipment, refer to the instruction booklet supplied with it.

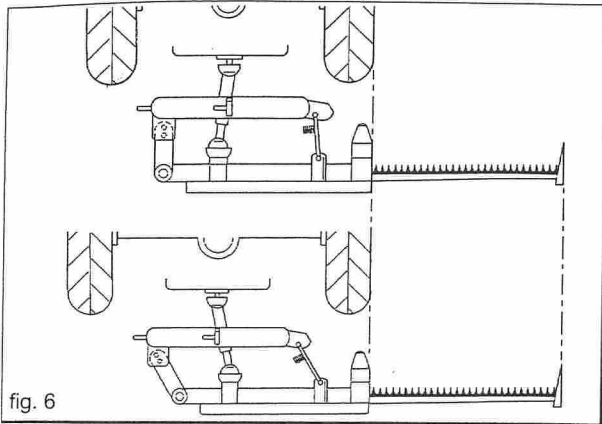


fig. 6

For optimum use of the equipment, the mowing bar must jut out completely beyond the tractor profile (Fig. 6).

Figures 7, 8 and 9 illustrate the way to obtain the best equipment position setting according to different tractor tracks.

Figure 6 shows the different equipment position setting with tractors having different tracks.

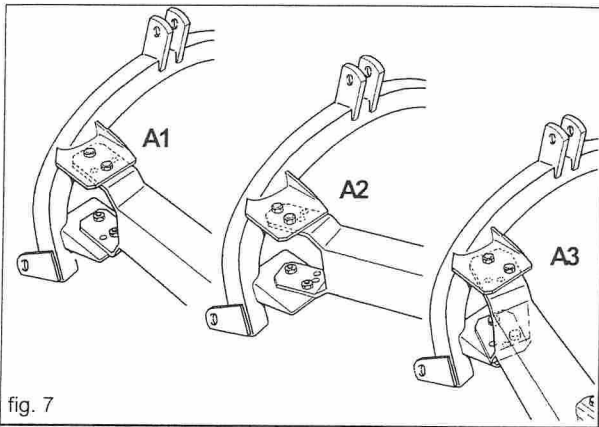


fig. 7

The figure alongside shows the positions that can be obtained by moving the equipment frame joint:

- A1- For tractors with normal track.
- A2- For tractors with wide track.
- A3- For tractors with narrow track.

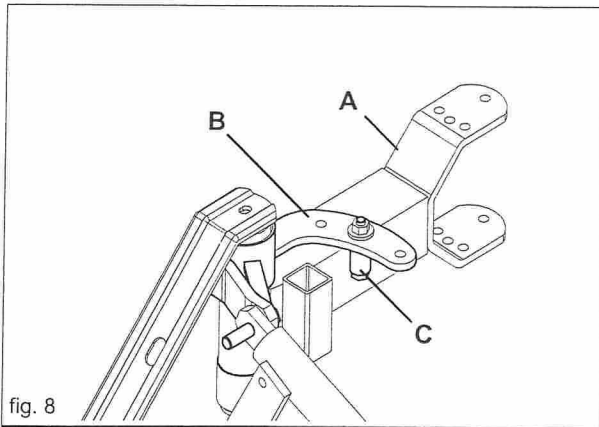


fig. 8

When the frame joint is moved (A Fig. 8), the position of the stop bushing (C Fig. 8) of the cylinder linkage must consequently be changed, according to the cases shown in figures 8 and 9.

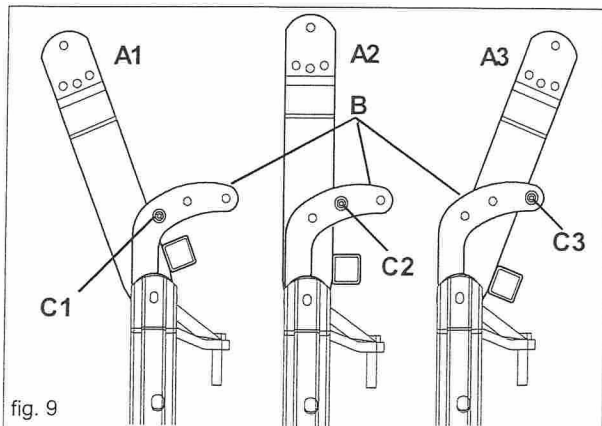


fig. 9

Connections between frame joint and stop bushing for the movement of the mowing bar.

fig. 1

fig. 12

fig. 13

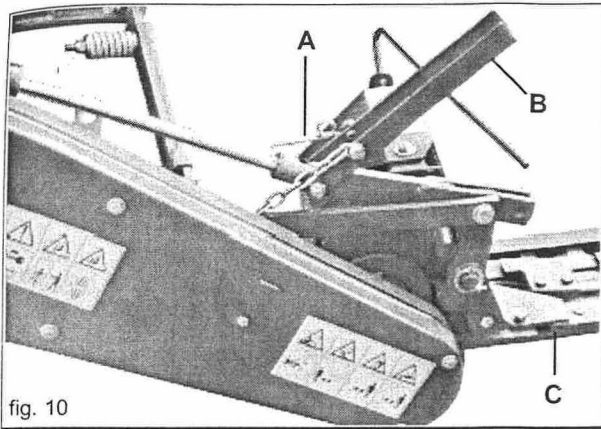


fig. 10

### 3.2 USE OF LIFTING DEVICE

Once you have positioned the equipment, prepare it for mowing:

- release the blade tie rod;
- remove the support prop;
- remove the blade protection.

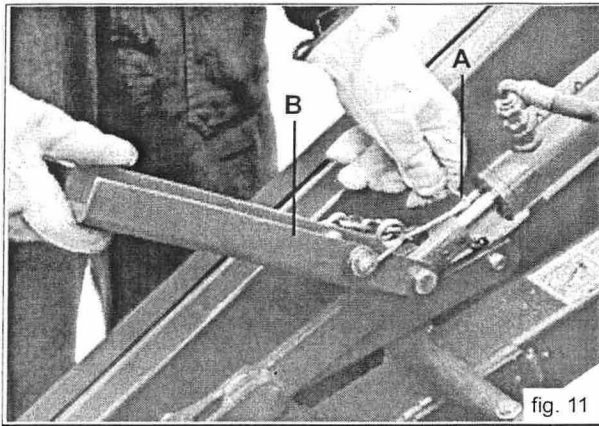


fig. 11

#### Operation of lifting device

To operate the device, put the spring (A Fig. 11) in position (A1 Fig. 12) (under the cylinder rod), so that the cylinder bracket (B) is released forwards towards position (B1 Fig. 12).

Climb into the tractor and operate the hydraulic distributor to lower the blade (C Fig. 10) into the mowing position.

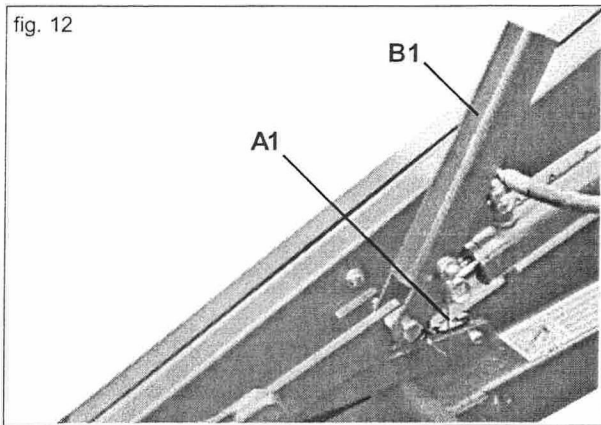


fig. 12

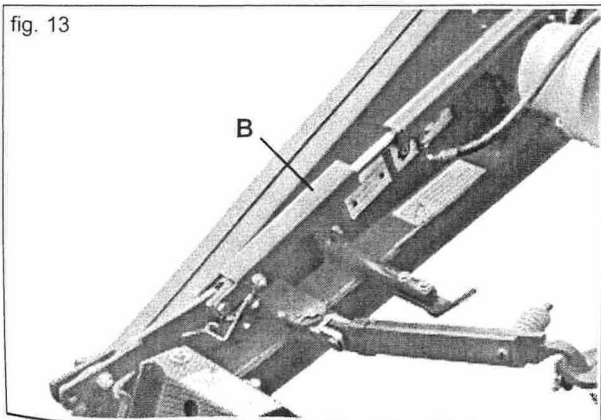


fig. 13

**CAUTION:** While working regularly check that the bracket (B) is still resting along the cylinder rod (Fig. 13).



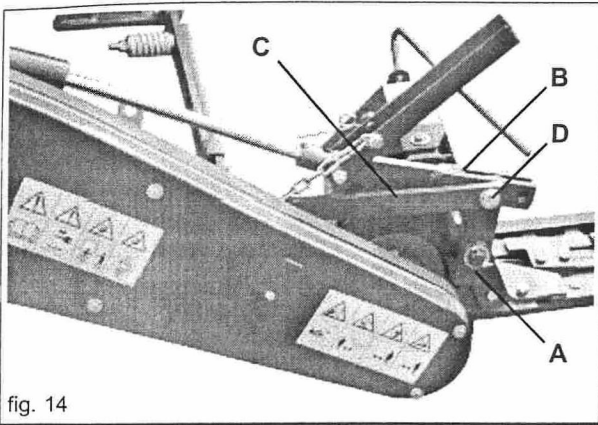


fig. 14

### 3.2.1 MOWING ON FLAT GROUND (OR GROUND WITH SMALL DEPRESSIONS)

For mowing on flat ground, couple the lever (A) with tie rod (B) and the rod (C) in position (D) of Figure 14. Lastly insert the lifting device as described in the previous paragraph.

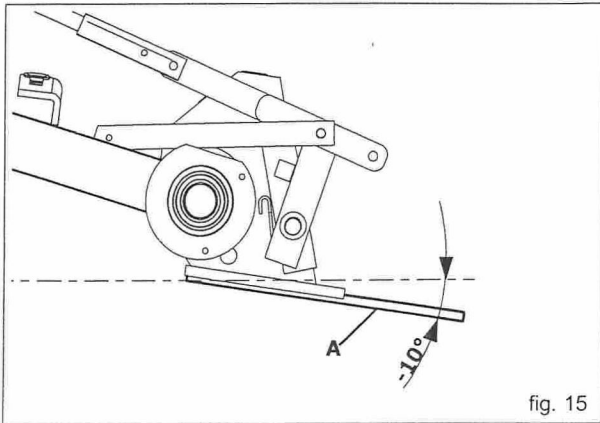


fig. 15

With the rapid lifting device engaged, the bar (A Fig. 15) has a negative inclination of  $-10^\circ$  and a positive one of  $+16^\circ$  (Fig. 16) with respect to the horizontal plane during mowing.

This system has been devised for mowing quickly and safely on flat ground or ground with small depressions.

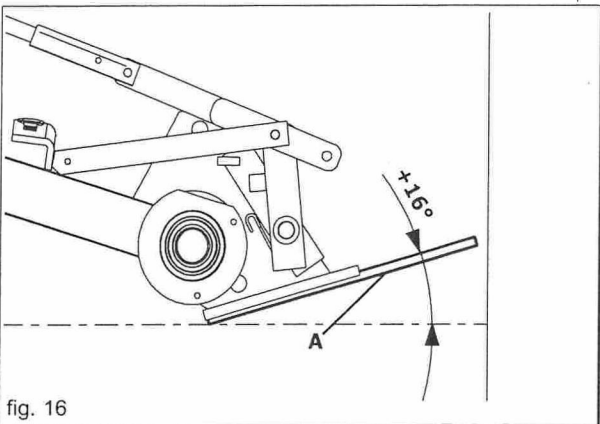


fig. 16

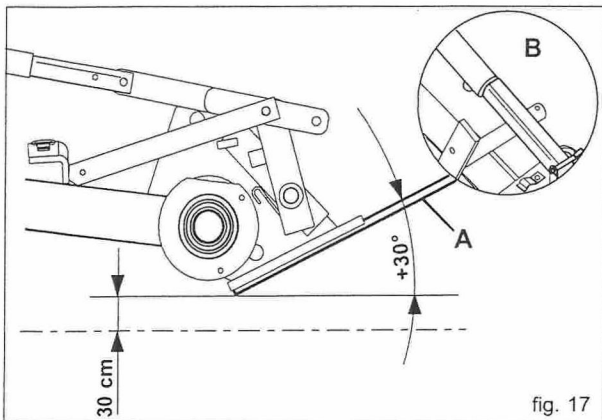


fig. 17

The operation of the lifting device up to the stop of the bracket on the cylinder (B Fig. 17) allows the equipment to be raised by approx. 30 cm from the ground and, at the same time, an inclination of the blade (A Fig. 17) of  $+30^\circ$ , so that the end of field maneuvers can be carried out.



fig. 18



fig. 19



fig. 20



fig. 21

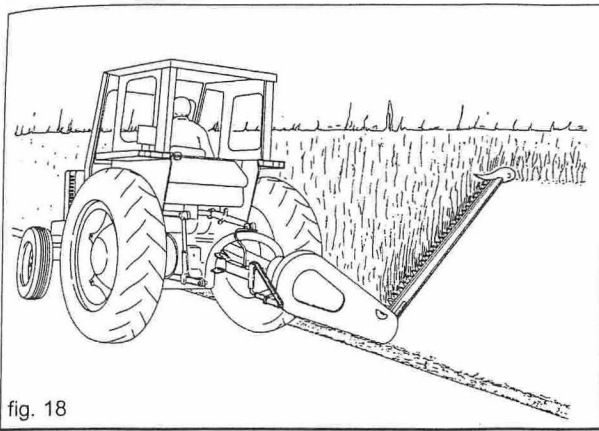


fig. 18

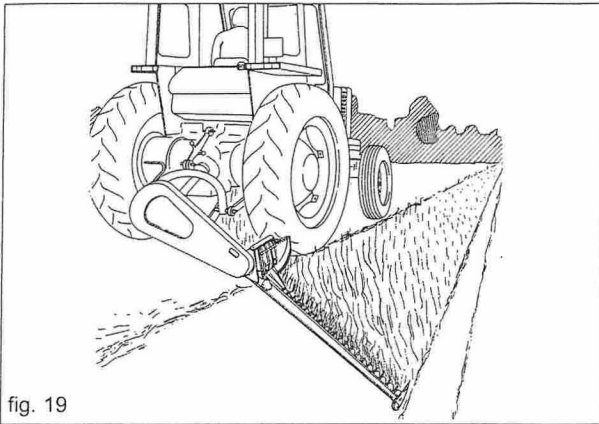


fig. 19

### 3.2.2 MOWING ON SLOPING GROUND

Figures 18 and 19 show various types of mowing on sloping ground (banks, canals, etc.).

**CAUTION:** For mowing on surfaces that are not parallel to the tractor plane, we recommend removing the moving guide from the outer mowing bar support.

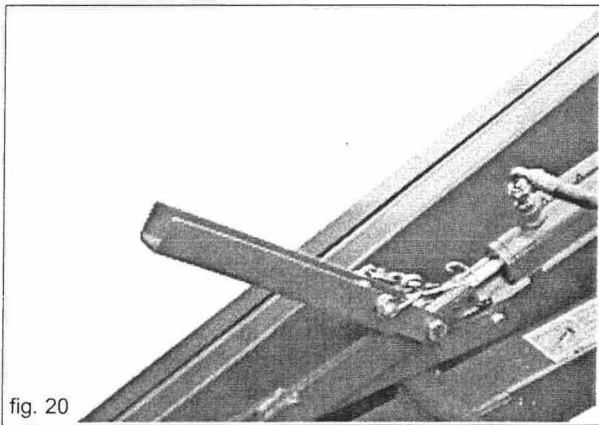


fig. 20

For mowing on sloping ground, disable the lifting device as shown in Figure 20 and couple the lever (A) with tie rod (B) and the rod (C) in position (D) as shown in Figure 21.

In this way the bar can be adjusted with the hydraulic cylinder to mow at different angles: from  $-75^\circ$  to  $+90^\circ$  with respect to the horizontal plane formed by the tractor (Fig. 22).

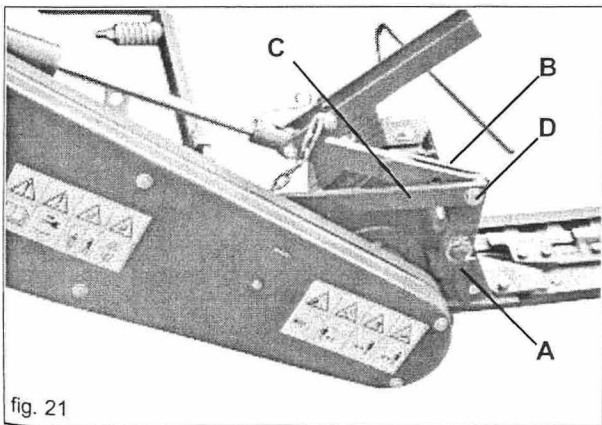


fig. 21

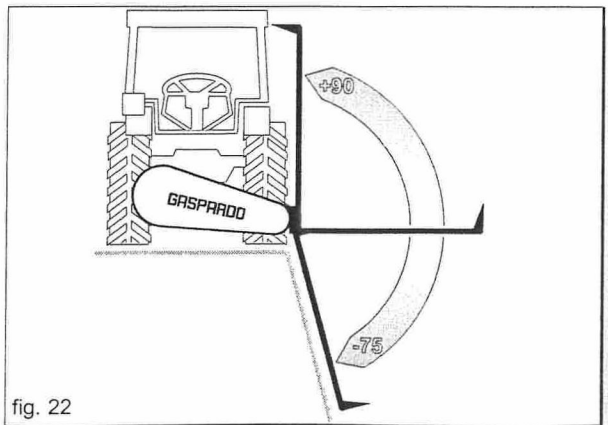


fig. 22

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