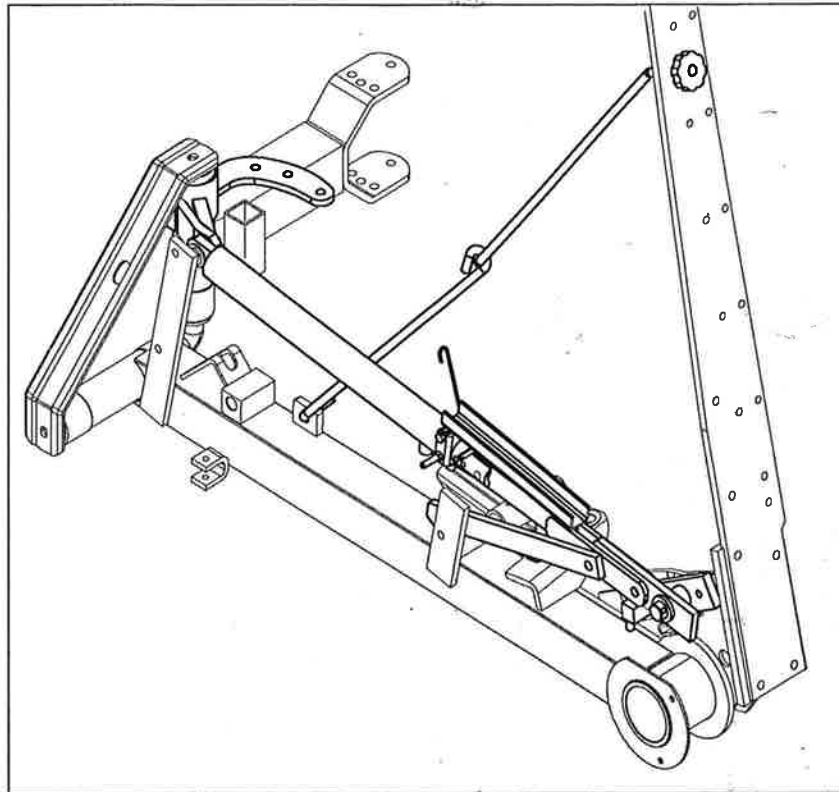


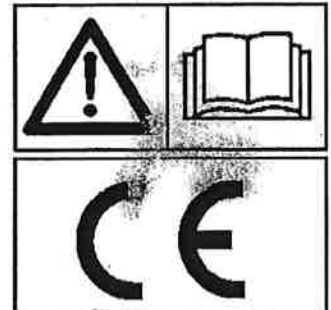
# GASPARDO

**GASPARDO Seminatrici S.p.A.**



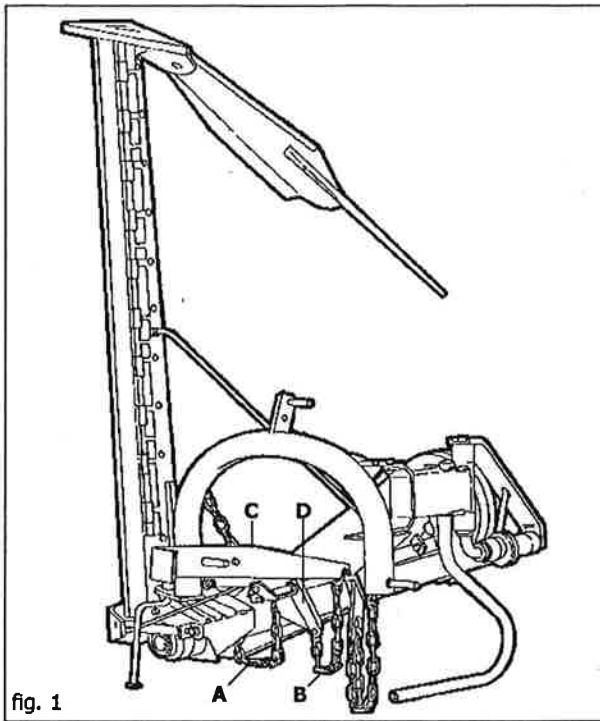
**SCHEMA SOLLEVAMENTO OLEODINAMICO FB**  
**FB HYDRAULIC LIFTING DIAGRAM**  
**SCHEMA ÖLDYNAMISCHES HEBWERK FB**  
**SCHÉMA SOULÈVEMENT OLÉODYNAMIQUE FB**  
**ESQUEMA DE ELEVACIÓN HIDRÁULICA FB**

**IT** MONTAGGIO - USO  
**GB** ASSEMBLY - USE  
**DE** MONTAGE - GEBRAUCH  
**FR** MONTAGE - EMPLOI  
**ES** MONTAJE - EMPLEO



Cod. 19501570 10 / 01

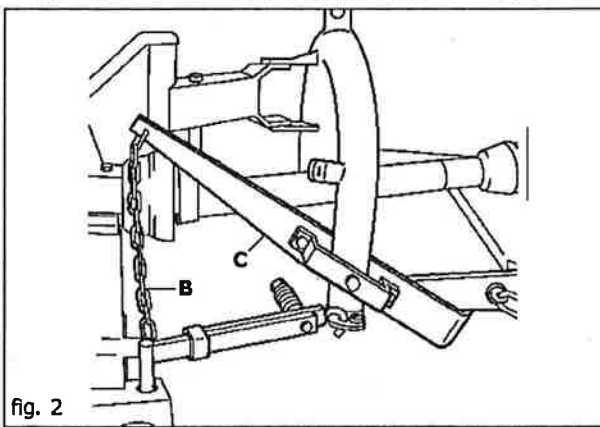
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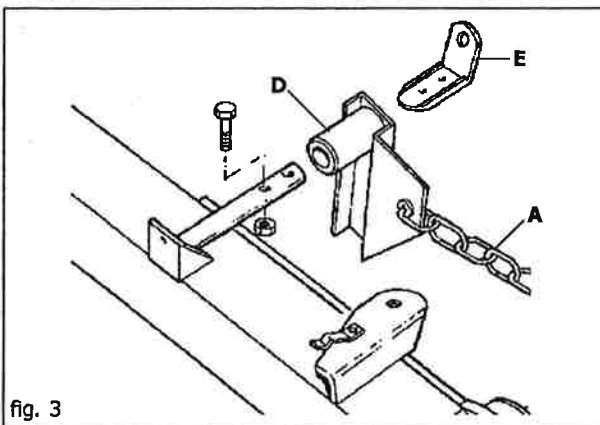
**1.0 TO INSTALL THE HYDRAULIC MOWER LIFTING KIT, SOME PARTS MUST BE REMOVED FROM THE EQUIPMENT.**

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

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

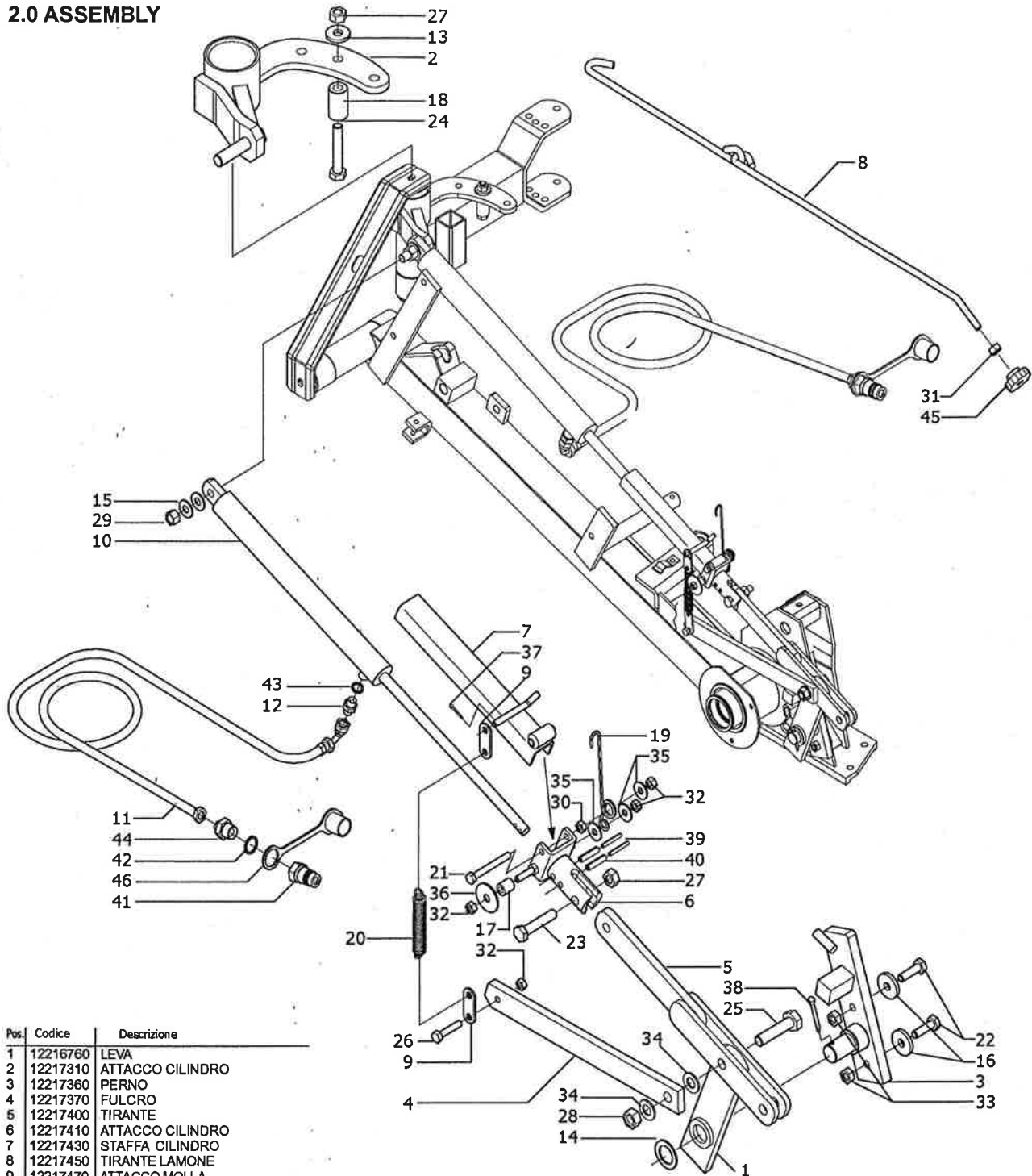


Take off the hinge chain (B Fig. 2) and the lifting arm (C Fig. 2).



Take off the equalizer (D) and the arm chain (A Fig. 3), removing and then putting back the safety hook linkage (E).

2.0 ASSEMBLY



Pos.	Codice	Descrizione
1	12216760	LEVA
2	12217310	ATTACCO CILINDRO
3	12217360	PERNO
4	12217370	FULCRO
5	12217400	TIRANTE
6	12217410	ATTACCO CILINDRO
7	12217430	STAFFA CILINDRO
8	12217450	TIRANTE LAMONE
9	12217470	ATTACCO MOLLA
10	21210002	CILINDRO D.40-D.20-380
11	23440517	TUBO 1/4R2 C-F 1/4 L2000
12	16011690	NIPPLQ 1/4 GRANO F.1,0
13	20970035	RONDELLA 32X4X13
14	20970070	RONDELLA 40X2X26
15	20970111	RONDELLA 29,8X2X16,5
16	18701140	RONDELLA 11 X35 X5
17	18800090	BOCCOLA 8,5 X 16 X 18 ZN
18	18802150	BOCCOLA 12,3 X 26,9 X 42 ZN
19	18902880	MOLLA FERMO PARALLELO
20	18902960	MOLLATRASMISSIONE RUOTA
21	41602031	VITE 8 X75 5737 8.8 ZN
22	41602038	VITE 10X40 5737 8.G ZN
23	41602057	VITE 12X55 5737 8.G ZN
24	41602060	VITE 12X70 5737 8.G ZN
25	41602075	VITE 14X70 5737 8.G ZN
26	41605032	VITE 8 X30 5739 8.G ZN

Pos.	Codice	Descrizione
27	43442007	DADO AUTOB.NOR.12 ZN
28	43442008	DADO AUTOB.NOR.14 ZN
29	43442009	DADO AUTOB.NOR.16 ZN
30	43530006	DADO 8 5588 6.8 ZN
31	43530009	DADO 14 5588 6.8 ZN
32	43549002	DADO TRISTOP M 8
33	43549003	DADO TRISTOP M10
34	44953006	RONDELLA D14 UNI 6592 ZN
35	44953503	ROND.PIANA 9X 24X2 6593 ZN
36	44953504	RODELLA 11 X 40 X 2,5 ZN
37	45961039	COPIGLIA 3 X15 1336 ZN
38	45961084	COPIGLIA 5 X35 1336 ZN

Pos.	Codice	Descrizione
39	46966079	SPINA EL.5 X36 DIN 1481
40	46966127	SPINA EL.8 X36 DIN 1481
41	67007210	INNESTO MASCH.CONO 1/2
42	67007243	RONDELLA RAME 1/2
43	67007269	RONDELLA RAME 1/4
44	67007291	NIPPLQ MASCH.CIL.1/2-1/4 ZN
45	67008029	VOLANTINO 4 LOBI M14
46	67008034	CAPPUCIO INNESTO 1/2

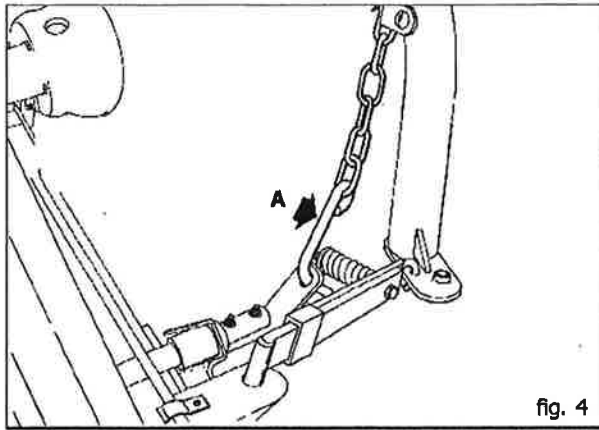


fig. 4

### 3.0 OPERATING INSTRUCTIONS

#### 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. 4) and place it in the upper housing of the frame.

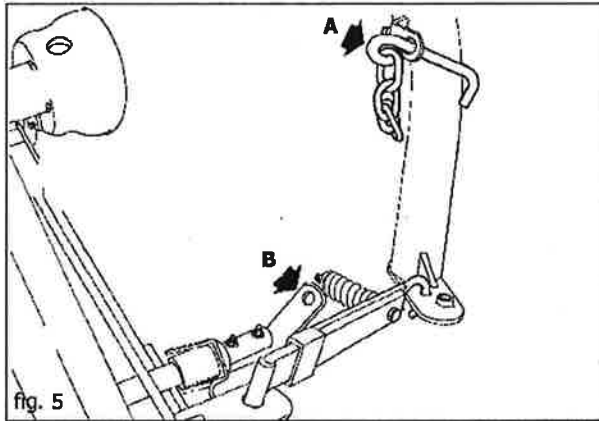


fig. 5

Adjust the minimum length for hooking it in the hole (B Fig. 5) with the equipment raised.

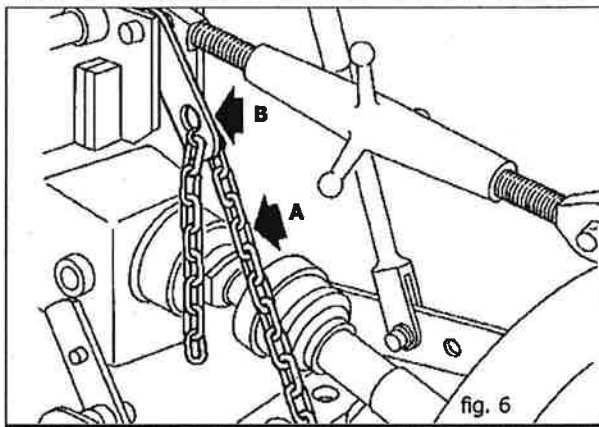
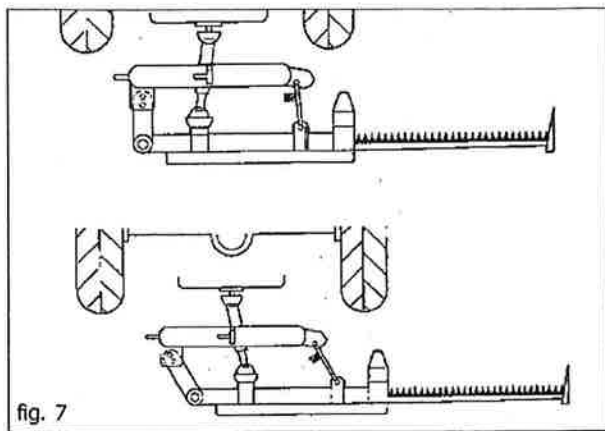


fig. 6

Adjust the height of the equipment with respect to the tractor, by means of the chain (A Fig. 6), moving the rings in the hole of the plate (B Fig. 6).

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.

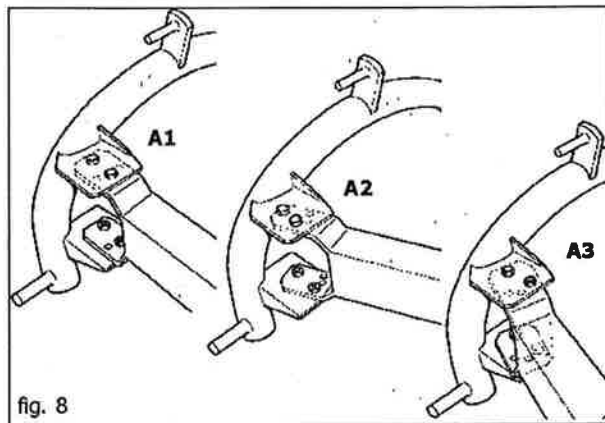
**NOTE:** for further information on the use and maintenance of the equipment, refer to the instruction booklet supplied with it.



For optimum use of the equipment, the mowing bar must jut out completely beyond the tractor profile (Fig. 7).

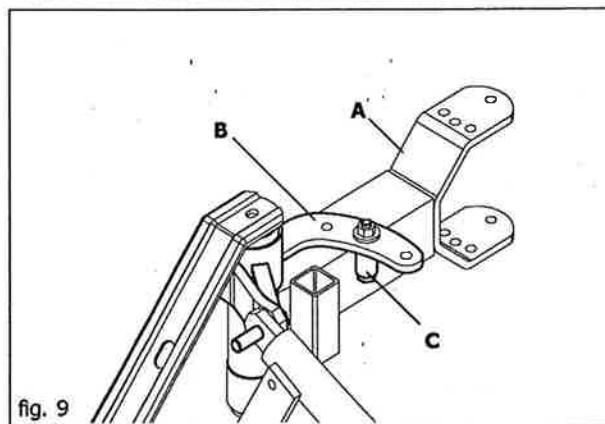
Figures 8, 9 and 10 illustrate the way to obtain the best equipment position setting according to different tractor tracks.

Figure 7 shows the different equipment position setting with tractors having different tracks.

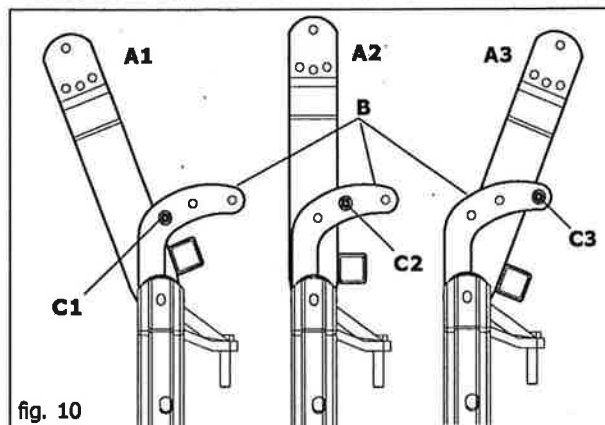


The figure alongside shows the positions that can be obtained by moving the equipment frame joint:

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



When the frame joint is moved (A Fig. 9), the position of the stop bushing (C Fig. 9) of the cylinder linkage must consequently be changed, according to the cases shown in figures 8 and 10.



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

### 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.

#### Operation of lifting device

To operate the device, put the spring (A Fig. 12) in position A1, to rest behind the peg (C Fig. 12), so that the cylinder bracket (B) is released forwards towards position B1.

Climb into the tractor and operate the hydraulic distributor to lower the blade (D Fig. 11) into the mowing position.

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

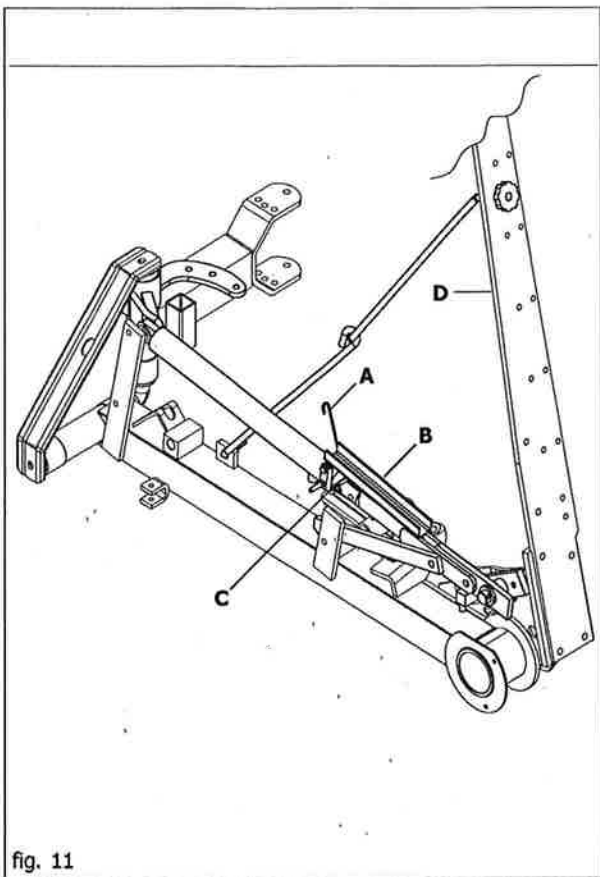


fig. 11

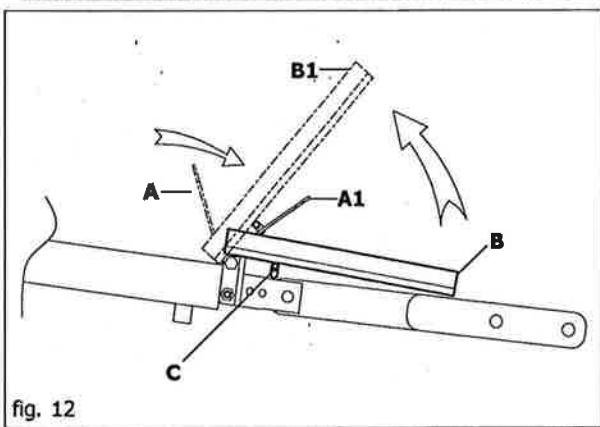


fig. 12

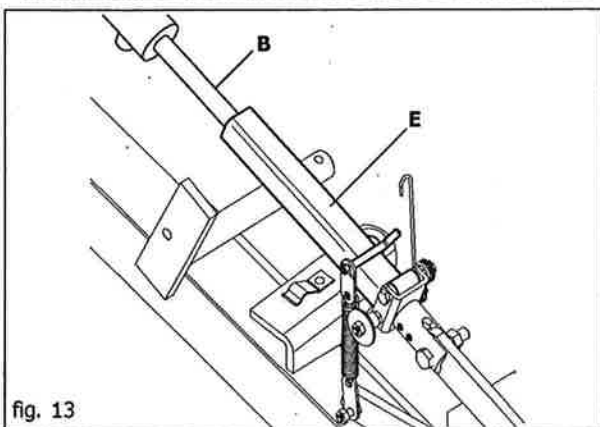
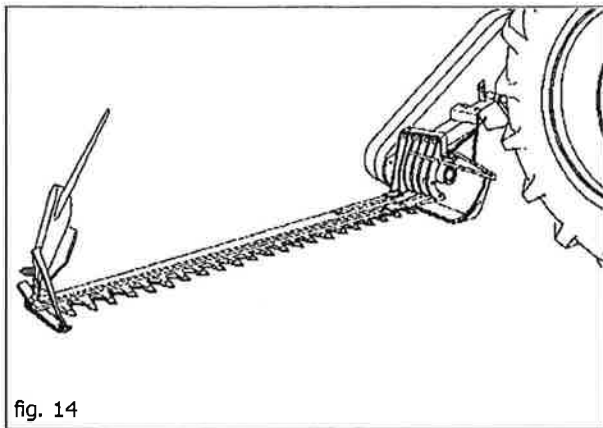
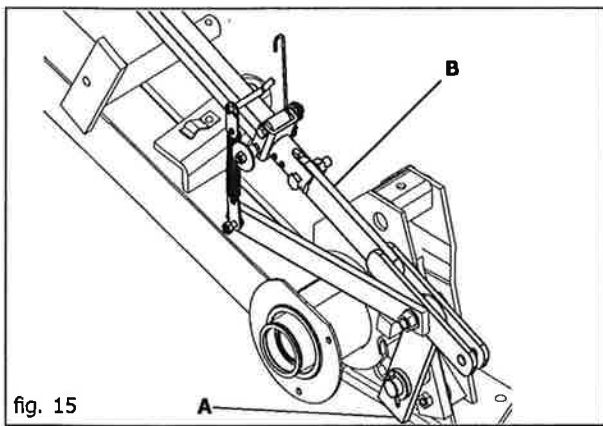


fig. 13



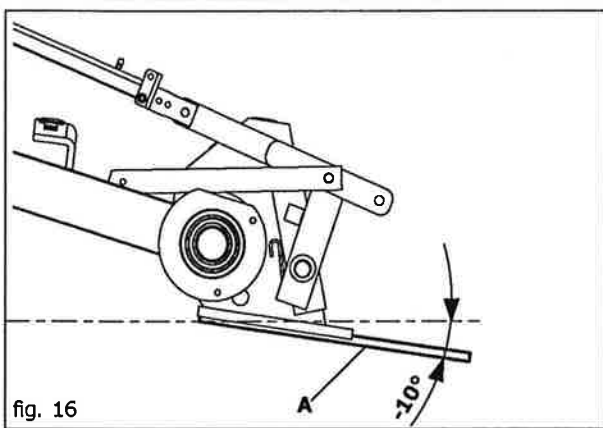
**3.2.1 MOWING ON FLAT GROUND (OR GROUND WITH SMALL DEPRESSIONS)**

For mowing operations on flat ground, fit the lever (A Fig. 15) with tie rod (B) and engage the lifting device as previously instructed.

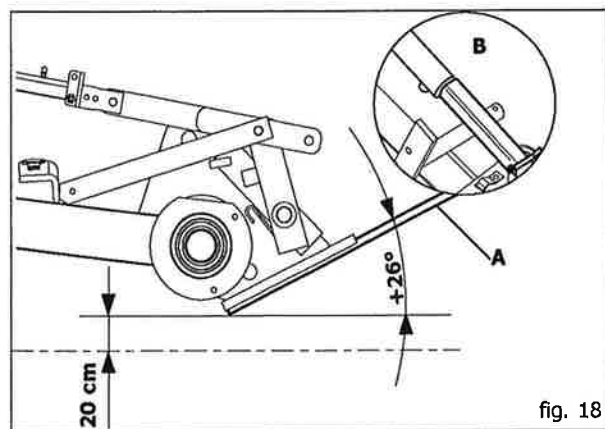
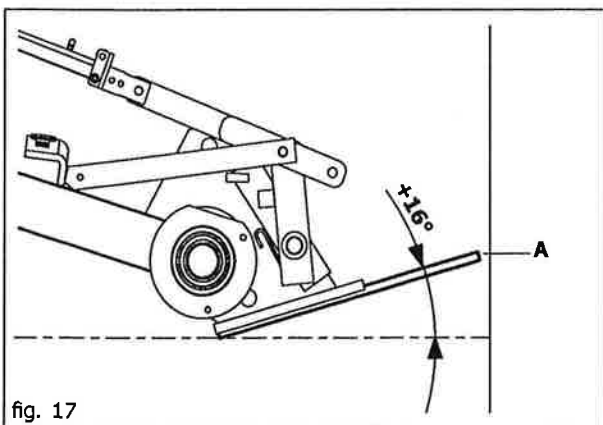


With the rapid lifting device engaged, the bar (A Fig. 16) has a negative inclination of  $-10^\circ$  and a positive one of  $+16^\circ$  (Fig. 17) with respect to the horizontal plane during mowing.

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



The operation of the lifting device up to the stop of the bracket on the cylinder (B Fig. 18) allows the equipment to be raised by approx. 20 cm from the ground and, at the same time, an inclination of the blade (A Fig. 18) of  $+26^\circ$ , so that the end of field maneuvers can be carried out.





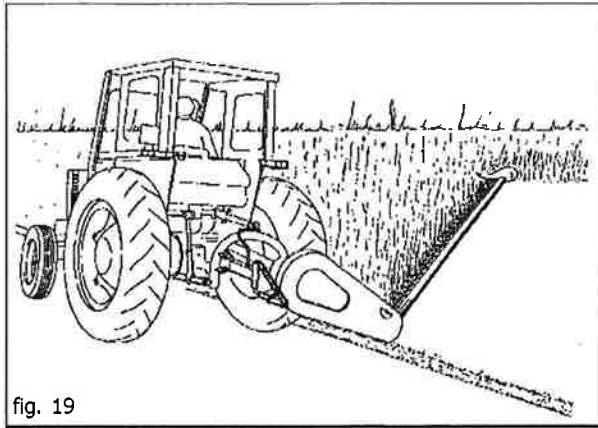


fig. 19

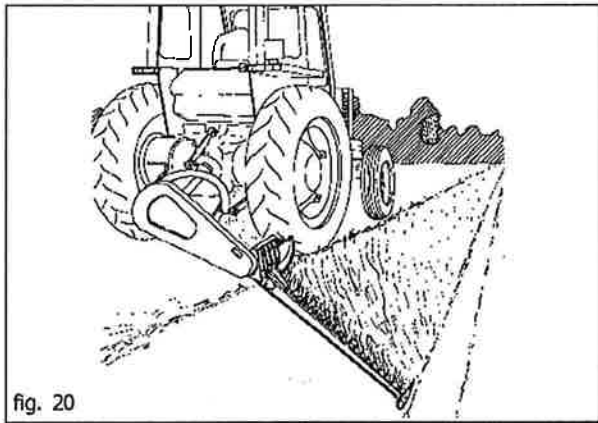


fig. 20

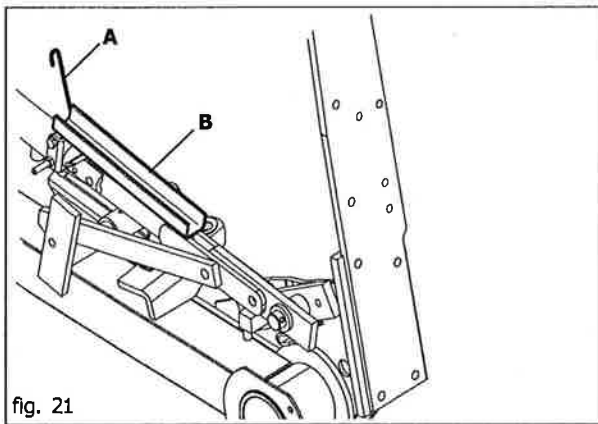


fig. 21

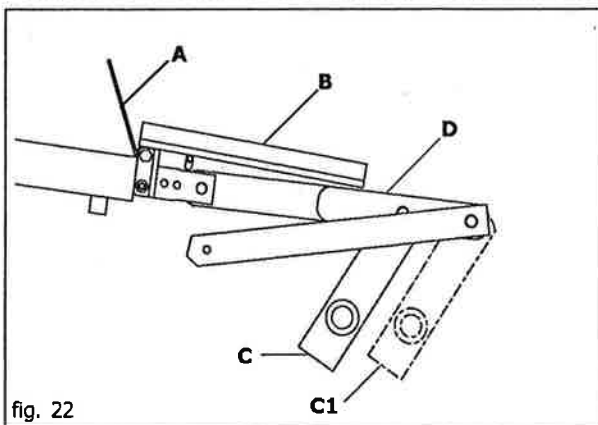


fig. 22

### 3.2.2 MOWING ON SLOPING GROUND

Figures 19 and 20 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.

For mowing operations on sloping ground, disengage the lifting device as shown in figures 21 and 22:

1) Put the cylinder bracket (B Fig. 21 and 22) behind the spring (A Fig. 21 and 22).

2) Put the lever (C Fig. 22) in position C1.

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. 23).

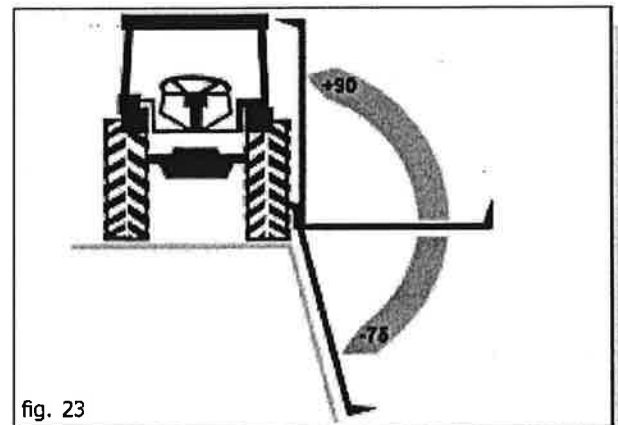


fig. 23

