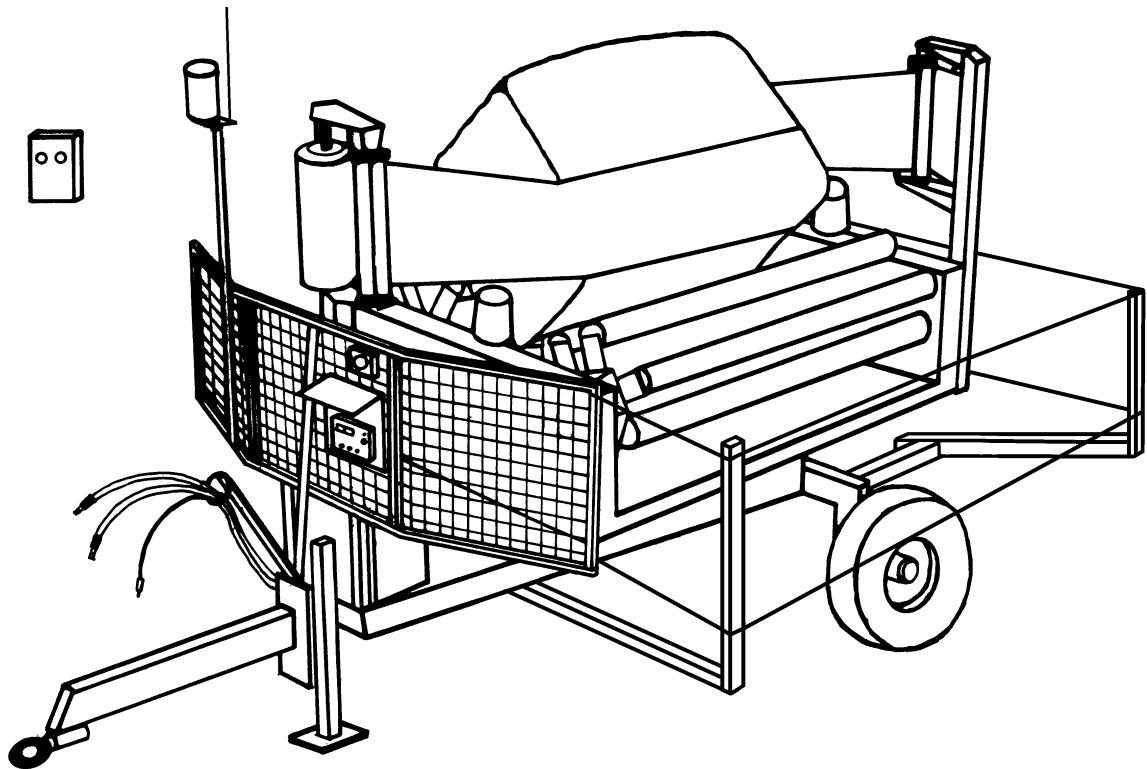


USER´S MANUAL



Q-PACK 70, 90, 100, 120 M95->

Art. nr. 12227, 12228, 12229, 12230

REKORDVERKEN Sweden AB
Öttum
535 92 KVÄNUM
Tel. +46-511-701 00 Fax. +46-511-700 07



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2. PREFACE

REKORDVERKEN Sweden AB, Öttum S-535 92 KVÄNUM
Tel. +46 (0)511-701 00 Fax. +46 (0)511-700 07

Machine type

Serial no.



Year of manufacturing

2.1. Dear customer

This book should be considered as a part of the machine. A manual is produced so that:

1. Operator should fully understand how the machine works.
2. Operator and people near the machine should not risk injury.
3. Operator should be able to operate the machine with maximum efficiency.

Be sure to read safety regulations.

To get the most out of your machine you have to maintain and operate it according to given instructions in this manual. If there are any queries please contact your local dealer or contact us.

REKORDVERKEN Sweden AB

2.2. Application

Q-PACK 70 is intended to wrap square shaped bales made of silage, hay or straw with a quadratic cross-section of 80*70 cm and a length up to 180 cm. Round bales ->120 cm. Max bale package weight 750 kg.

Q-PACK 90 is intended to wrap square shaped bales made of silage, hay or straw with a quadratic cross-section of 80*80-90 cm and a length up to 180 cm. Round bales ->140 cm. Max bale package weight 750 kg.

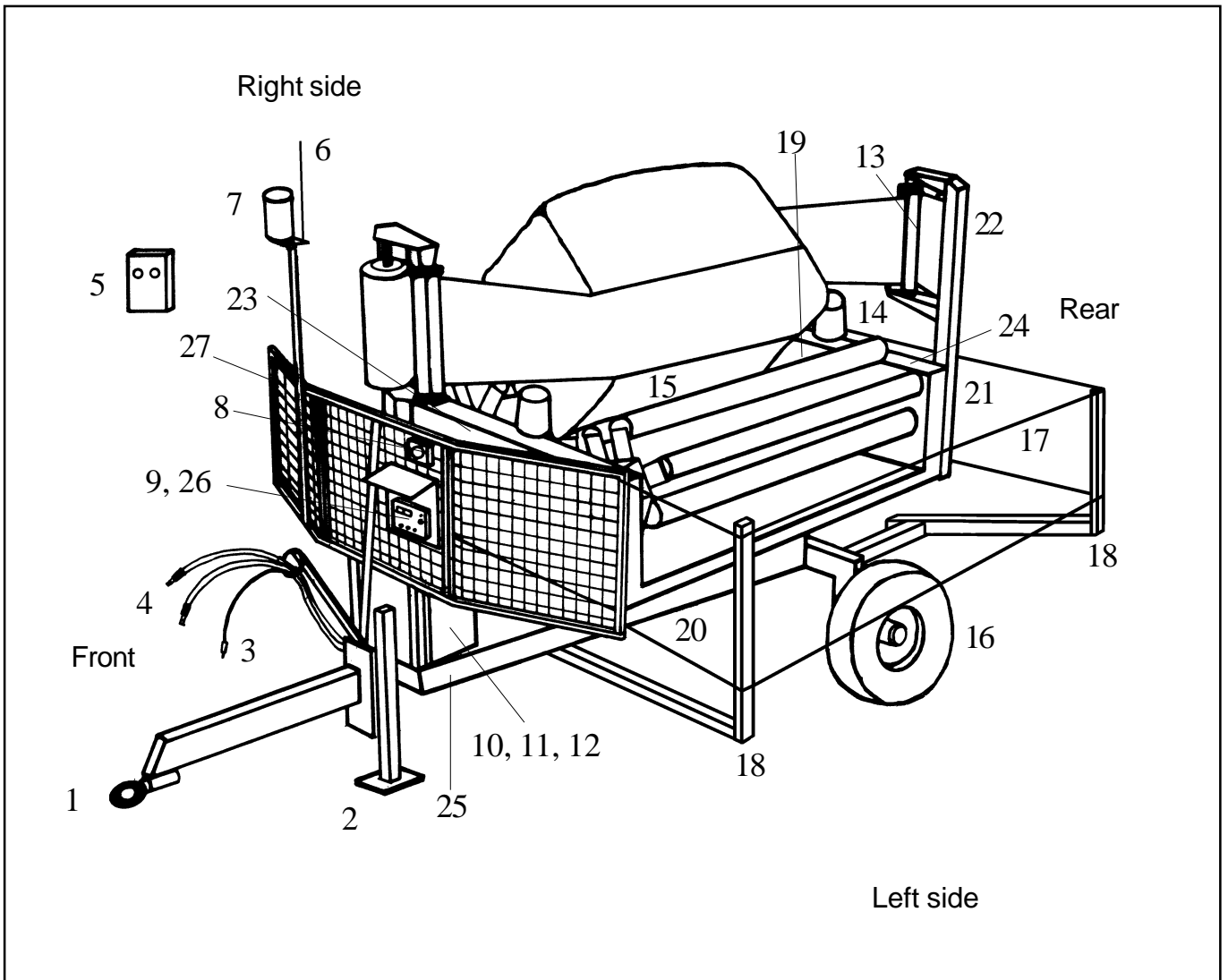
Q-PACK 100 is intended to wrap square shaped bales made of silage, hay or straw with a quadratic cross-section of 80*94-100 cm and a length up to 180 cm. Round bales ->140 cm. Max bale package weight 750 kg.

Q-PACK 120 is intended to wrap square shaped bales made of silage, hay or straw with a quadratic cross-section of 120*140 cm and a length up to 150 cm. Round bales ->160 cm. Max bale package weight 1500 kg.

2.3. Guarantee

Guarantee is valid provided that the machine is maintained and operated according to the instructions in this manual. Further, guarantee is only valid if the machine is used to wrap silage, hay or straw and is used under normal working conditions. The supplier undertakes to change faulty parts during guarantee. Guarantee is valid provided that original spare parts are used and that the machine is not modified in any way without approval. For more information Rekordverken Sweden AB:s guarantee conditions.

3. MACHINE PARTS



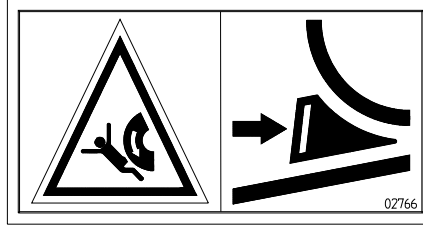
- | | |
|--------------------------|------------------------------------|
| 1. Tow eyelet | 15. Rotation chain |
| 2. Support | 16. Wheel |
| 3. Electrical connection | 17. Safety line |
| 4. Hydraulic connection | 18. Bracket safety line |
| 5. Radio transmitter | 19. Drive rotation chain |
| 6. Antenna | 20. Drive wrapping arm |
| 7. Warning light | 21. Wrapping arm |
| 8. Emergency brake | 22. Plastic spool holder |
| 9. Control box | 23. Front guard lh/rh |
| 10. Valve package | 24. Rear guard lh/ rh |
| 11. Relay box | 25. Machine no. sign |
| 12. Warning signal | 26. Switch main/ remote controlled |
| 13. Plastic stretcher | 27. Safety net |
| 14. Belt guide pulley | |

4. SAFETY REGULATIONS

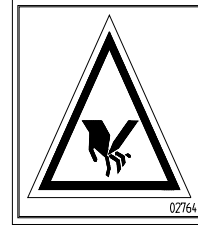
4.1 Machine safety signs



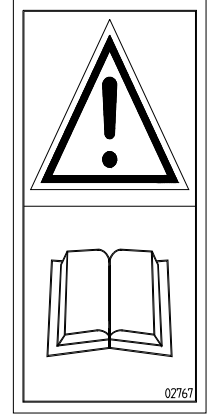
The machine works with a rotating wrapping arm and is remote controlled. Don't stay inside the safety fence. Placed on the rotations tables 4 corners.



Always use stop blocks under the wheels before you disconnect the machine. Placed at both wheels.



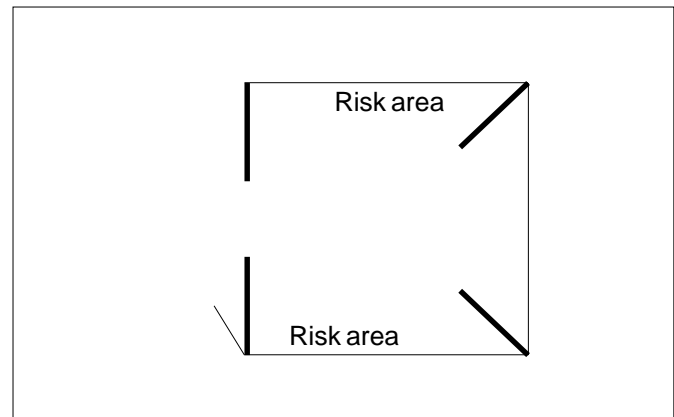
Sharp knife. Placed at both cut-offs.



Carefully read user's manual before taking the machine into operation. Always follow instructions and safety regulations. Placed by the control box.

4.2 Safety regulations when operating

- ! Safet fence shall be placed as in picture. Safety fence is marking the machines risk area.
- ! The machine is remote controled. Never stay inside the risk area without first have disconnected the oil supply.
- ! Beware of the rotating wrapping arm.
- ! Always keep children away from the machine.
- ! The transmitters range is maximum 40 m with a new battery in an open area. The machine should therefore be placed so that when you operate it you never are outside the transmitters range and that you have it well in sight at alla times. This is to be able to stop the machine in an emergency.
- ! Check that no one is inside the risk area when you start the machine.
- ! Always use ear protection when operating.

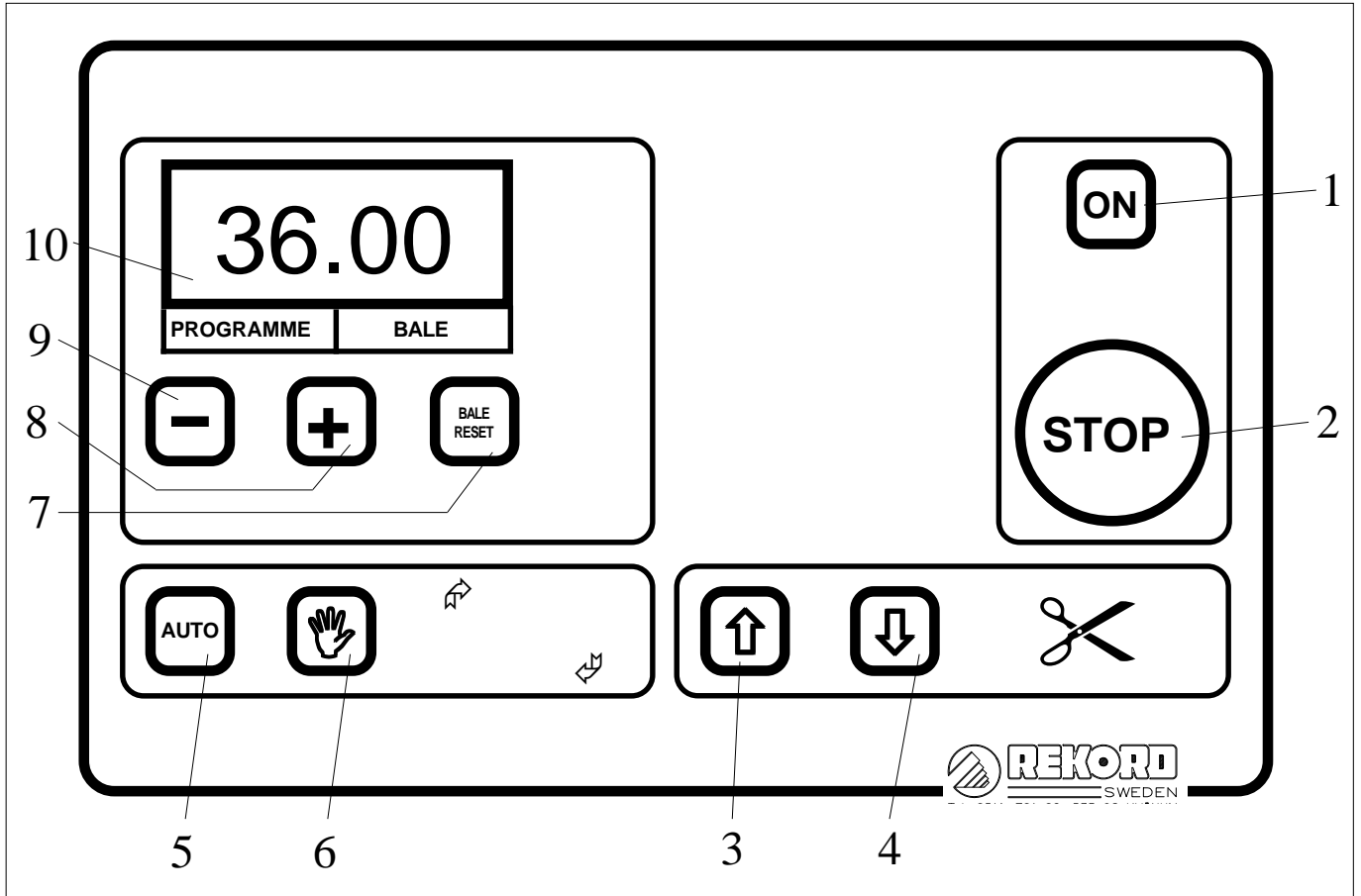


4.3 Safety regulations when service

- ! Before maintenance work is started cut the oil feed from the tractor or hydraulic system.
- ! Before welding, disconnect all magnets on the valve package, this is to protect the electrical equipment.

5. CONTROL BOX

5.1 Control box



- | | | | |
|----|-----------------------|-----|---|
| 1. | On | 6. | Manual wrapping. |
| 2. | Off | 7. | Setting bale counter to zero |
| 3. | Cut off, manual, up | 8. | Increasing no of plastic layers (no. of links). |
| 4. | Cut off, manual, down | 9. | Decreasing no. of plastic layers (no. of links) |
| 5. | Automatic wrapping | 10. | Display |

5. CONTROL BOX, continuation

5.1.1 Control box functions

Setting of programme number Press buttons [-] or [+]

No. of plastic layers	Q-PACK 70	90, 100	120
at 50 % overlap over the bale corner			
4 layers	24	26	10
6 layers	36	39	15
8 layers	48	52	20

If for example 15 is chosen on Q-pack 120 will the bale rotate 1,5 rotations. The control box counts the numbers of chain links on the big chain and not the number of rotations on the wrapping arm.

Setting of bale counter to zero Press button [**Bale reset**]

Automatic wrapping Press button [**Auto**]

Manual wrapping Press button []

Manual plastic cut off Press button [] thereafter []


Voltmeter

1. Turn off trigger unit
2. Press and keep down [-] and [+] thereafter press [**ON**]

Now the voltage is shown in the display. For smooth operation, the voltage should not be below **11,5 V** when tractor or hydraulic aggregate is running.

To return to operating mode, press [**STOP**] thereafter [**ON**]

Total number of bales produced


1. Turn off trigger unit.
2. Press and keep down [] and [**ON**]

Now the total number of bales produced is shown.
To return to operating mode, press [**STOP**] thereafter [**ON**]

Error messages

The display shows (**99.01**) : Max speed has been exceeded
 The display shows (**99.02**) : Wrapping arm is prevented from rotating
 The display shows (**99.03**) : Rotation chain is prevented from rotating
 To return to operating mode, press [**STOP**] thereafter [**ON**]

Single or double bale programme

1. Turn off control box
2. Press and keep down [] and [**ON**]

The display now shows (**01.01**) for single bale alt. (**01.02**) for double bale. Shift with buttons [-] and [+]
 To return to operating mode, press [**STOP**] thereafter [**ON**]

Interval function

Interval function will be achieved by pressing [**Auto**] in lowspeed plastic release sequence or in highspeed sequence.
 The machine will be restarted by pressing [**Auto**] on controlbox one more time at least 4 sek.



Factory defaults settings

Time. Sek/10

10.00	Delay of signal from table sensor
20.04	Plastic release
30.55	Cutting cylinder up
40.55	Cutting cylinder down
50.60	Speed limiter on plastic arm. Maximum 60 pulses/ min=30 turns by minut.
60.99	Maximum time in sek between 2 ex signals from table sensor, on high speed.
70.80	Maximum time in sek between 2 ex signals from plastic arm, on low and high speed.
80.02	Quantity of pulses from wrapping arm before cutting cylinder rises.

To change factory defaults, do like this

a, Put of controlbox

b, Press and hold **Cut down** and **Cut up**, at the same time you press **On**. Now you are in setting mode.

c, Change between Time 10-80 by pressing **balereset** and change times by pressing - och +

d, To go from setting mode to normal mode press **Stop** then **On**

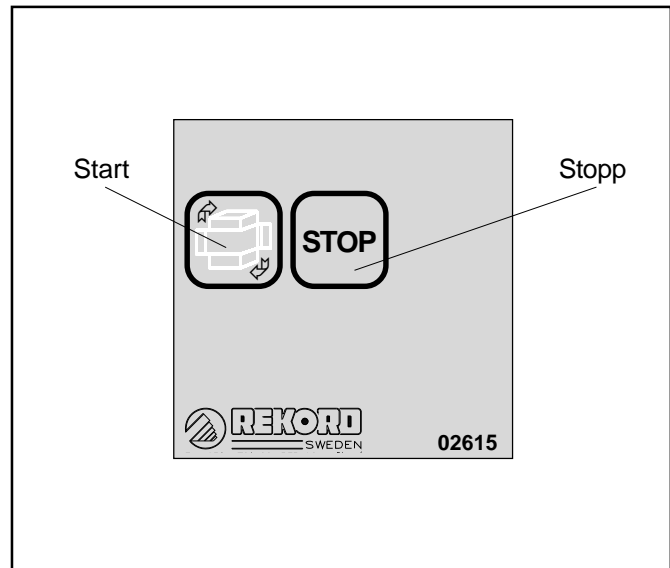
5. CONTROL BOX, continuation

5.2 Transmitter

Is used for remote control of Q-Pack.Q-Pack.
 Range: 40 m with a new battery in an open area
 Battery: 9,0 V.

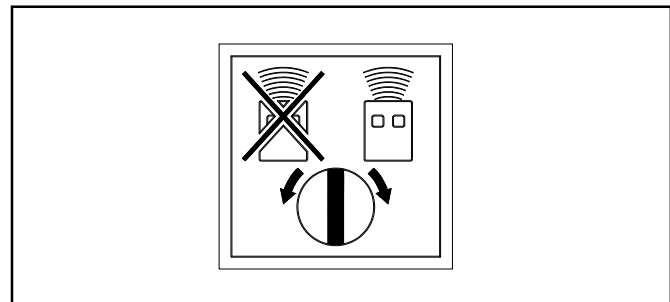
Start button: Starts automatic wrapping
Stop button: Emergency stops the machine.
 Restart must be done from the control box.

The transmitter sends a coded signal. Setting of the code is decided by the position of the ten switches. The radio receiver will only recognise signals from a transmitter with switches in the same position as the transmitter. The machine can't be started with signals from a carphone, communication radio or such.



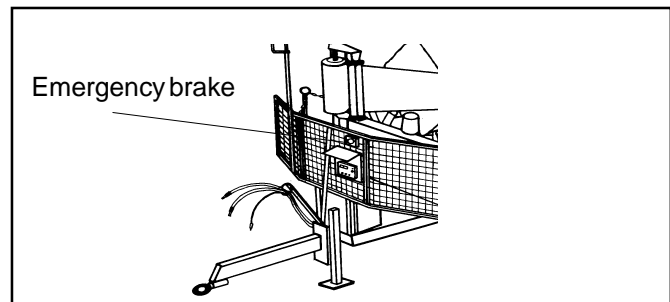
5.3 Switch main / remote control

Switch to be able choose automatic wrapping from transmitter. Placed above control box.



5.4 Emergency brake

The machine is equipped with one emergency brake which is placed in the middle of the safety net.



6. FUNCTION

6.1 Installation

6.1.1 Loading/ Unloading

Lifting points for straps Place 2 straps around the towbar and 2 straps around wheel shafts.

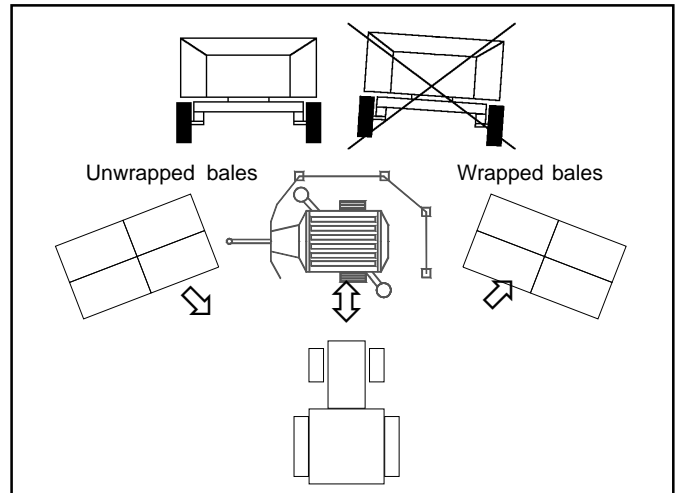
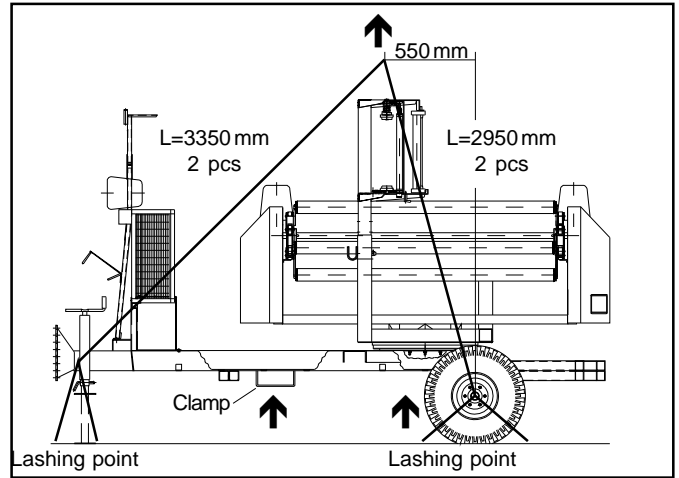
Lifting points for fork trucks The machine is also provided with a clamp so you can lift it with a truck. Lifting points are marked in the picture. NB! Place the lifting fork as near the tyre as possible. Truck forks length should be at least 1800 mm.

Lashing point The machine have 3 lashing points, on each wheel shaft and the towbar.

6.1.2 Placement

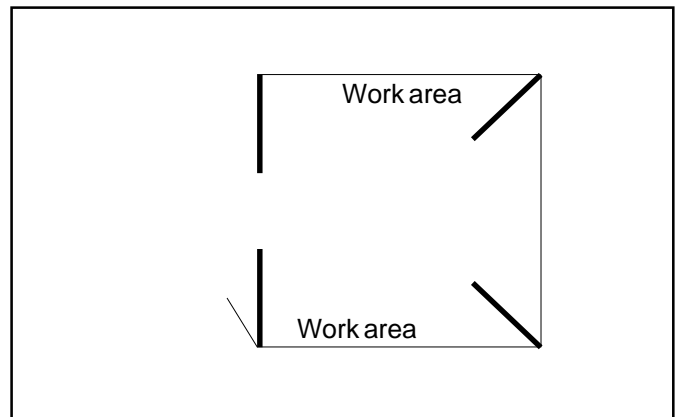
For personal safety and highest possible capacity place the machine in a flat open area. For best function the machine should be on level ground.

The picture shows how you can place the machine to get highest possible capacity.



6.1.3 Safety line

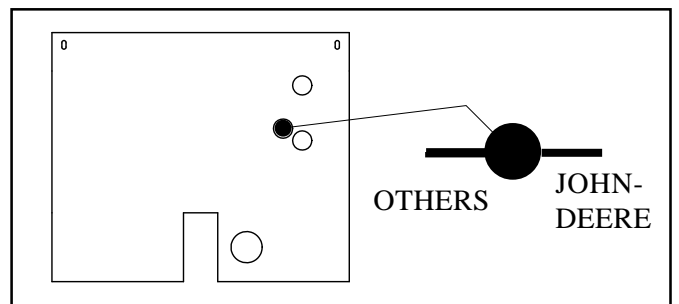
Remove safety fence from hooks on the rotation tables sides and rear guide spool. Pull out the 4 poles and put up a safety pen. Check that they are tightly LITed with the spring LITs and that the wrapping arm can rotate inside the safety pen.



6.1.4 Hydraulic connections

Clean and connect hoses to pressure outlet Min 160 Bar and free return Max 1 bar. Check the type of hydraulic system on your tractor.
 For closed system: position **John Deere**.
 For open system: position **Others**.
! Risk of damage on the tractor hydraulic system if wrong setting is done!

During operating the oil temperature must not be above 60° C. Risk that the hydraulic components can be seriously damaged.



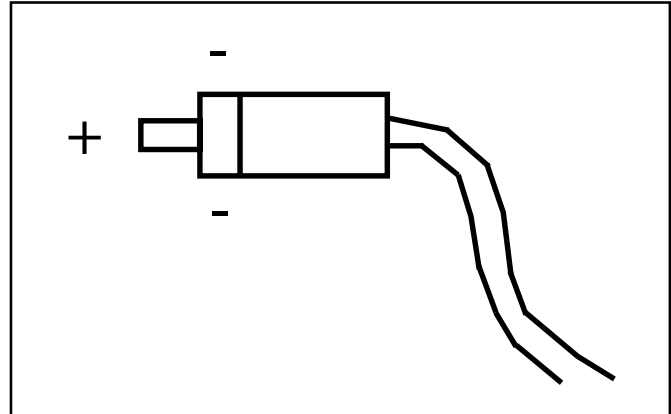
6. FUNCTION continuation

6.1.5 Electrical connecting

Connect plug to 12V DC (continuous current)
 Connection to other type of current for example alternating current will disturb and/or damage the electrical system.

Press button [ON] on control box. If the display doesn't work check that +pole is in the centre of the plug.

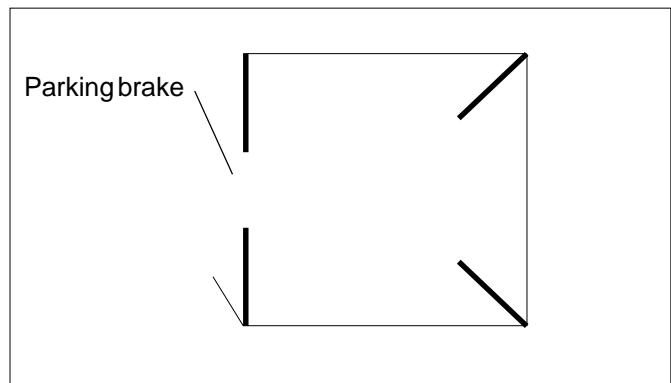
Check available current voltage VOLT-meter. For smooth operating voltage should not exceed 11,5 V when tractor or hydraulic system is operating.
 Pull the plug when operating is finished.



6.2 Testrunning

Remove parking brake which is placed above the front wrapping arm.
 Start tractor and check that connections and tubes are tight.

To learn the functions you should run the machine **without** bale and plastic film according to instructions in chapter 6.4. Operating



6.3 Assembling of plastic spool

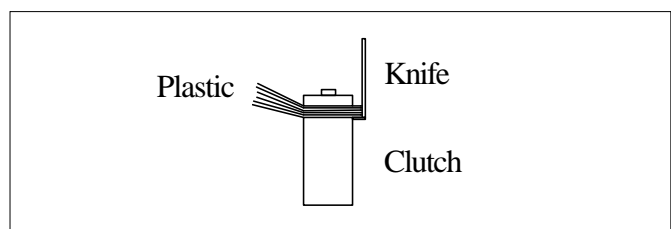
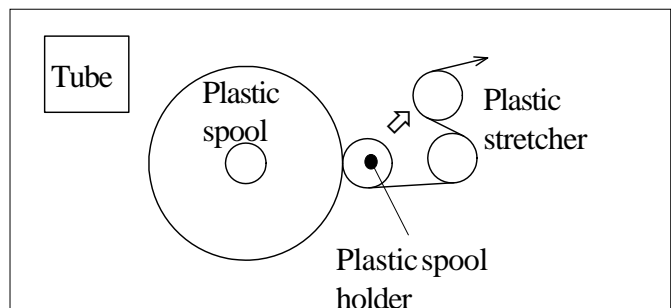
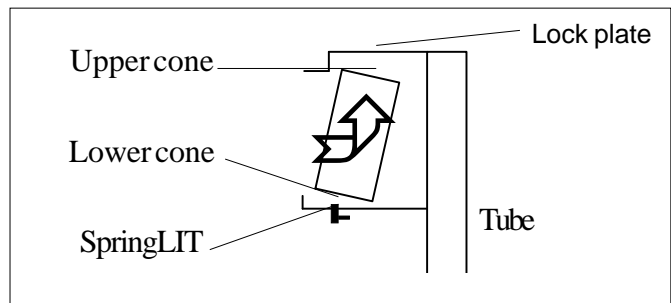
! Disconnect the oil-supply from the tractor!

Changing of plastic spool should be done standing on flat ground, either behind or beside the machine.
 Clean hands and plastic spool from grease so you have a good grip of the plastic spool.

Clasp plastic spool brake. Lock break by turning the springLIT. Make sure you are standing steady. Push the plastic spool against the upper spring-loaded cone, then put the spool down against the lower cone.

Wire plastic according to picture (view from above).
 Turn back springLIT. Pull back brake against plastic spool. Upper cone will now beLITed by aLIT plate.
 Check that plastic spool is steady in upper and lower cone and not removable.

Fasten plastic in plastic clamp on the cutting cylinder according to picture or in the string on the bale the first time. Follow manufacturers recommendations.
 NB! Plastic should not be fastened around the cylinder bar, it can be drawn into the hydraulic system.



6. FUNCTION, continuation

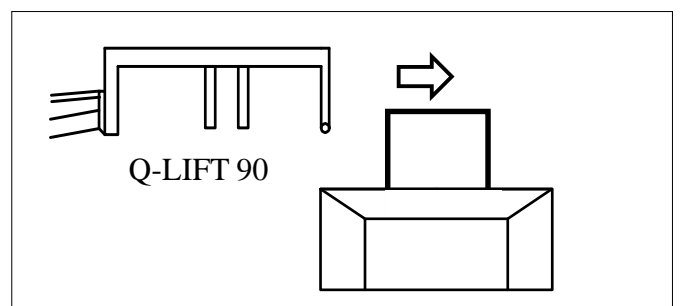
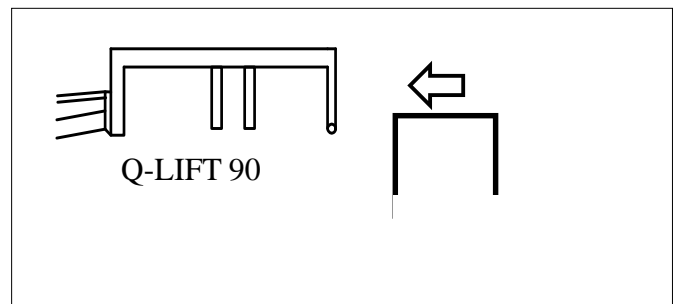
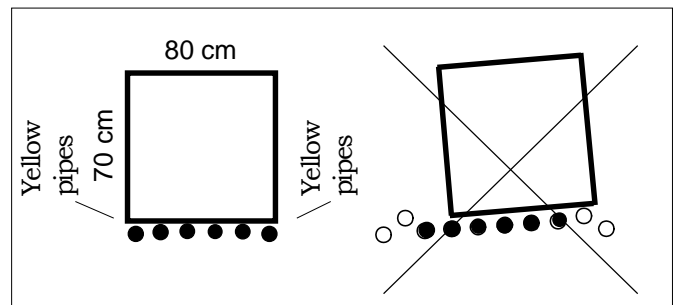
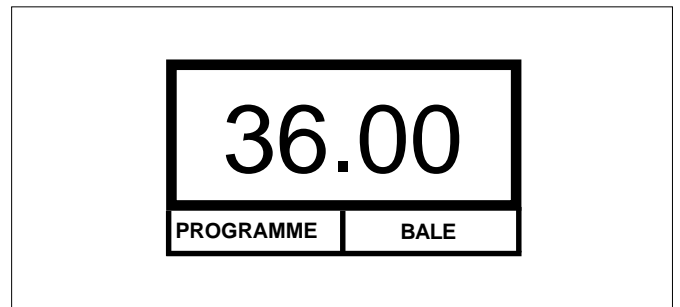
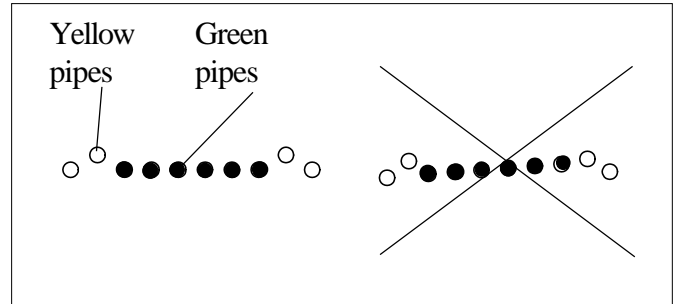
6.4 Operating

6.4. Wrapping Q-Pack 70 1 bale

W=80 cm, H=70 cm, Lmax=180 cm

- Check that the rotation table stops with green pipes horizontal The table should be set for loading from behind according to instructions in chapter: **6.6 Loading from side**

Rotate there after the wrapping arm manually until the wrapping arms arrow stands in front of or passes the arrow on the front or rear guard. If the wrapping arm is not located in this position the plastic film will not fasten to the bale when you start wrapping.
- Check that you selected the programme number that gives required number of wrapping layers. **NB! Only needed the first time.**
- Place the unwrapped bales between the yellow pipes according to picture. Otherwise there's a risk it may fall off in starting procedure.
- Stand away from Q-Pack and then press button **[AUTO]** on the remote control. Warning lights and warning sound are activated 4 sec. before the machine starts to wrap. **! Check that the work area is free from people before you start the machine.**
- When the machine is finished wrapping the bale and the yellow warning light has stopped you can unload the wrapped bale. If you run out of plastic during wrapping, follow instructions in chapter **6.5 Operating manually**



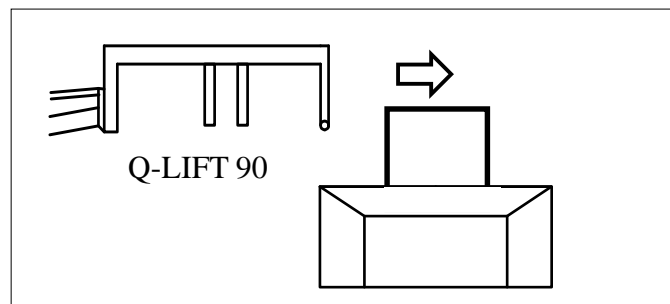
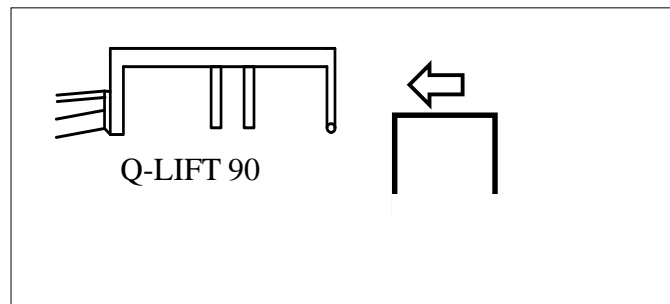
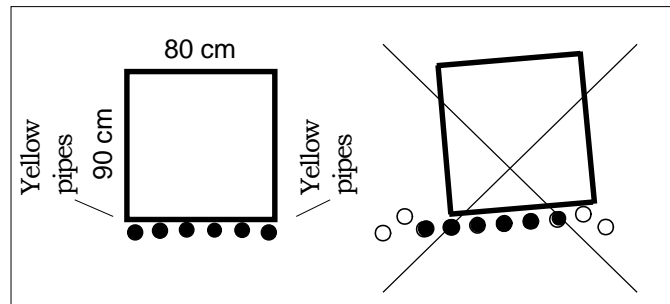
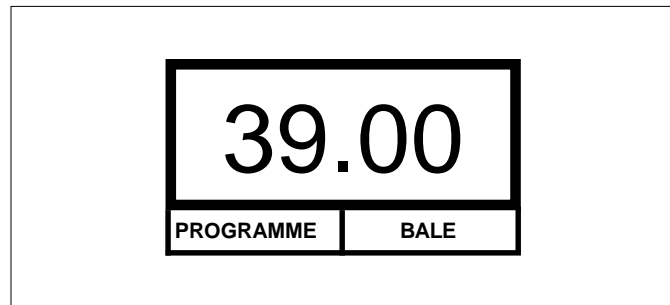
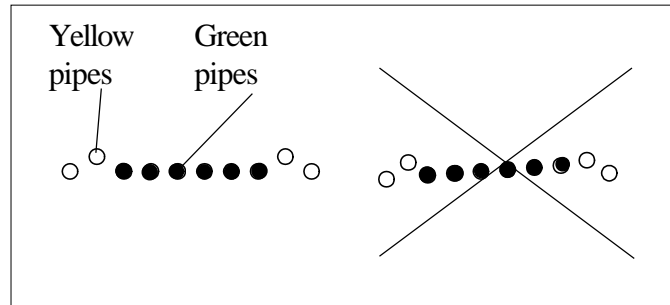
6. FUNCTION, continuation

6.4 Operating

6.4.2 Wrapping Q-Pack 90 **1 bale** Fiat Hesston 4860, New Holland W=80 cm, H=90 cm, Lmax=180 cm

- Check that the rotation table stops with green pipes horizontal [👉]
The table should be set for loading from behind according to instructions in chapter:
6.6 Loading from side

Rotate there after the wrapping arm manually until the wrapping arms arrow stands in front of or passes the arrow on the front or rear guard.
If the wrapping arm is not located in this position the plastic film will not fasten to the bale when you start wrapping.
- Check that you selected the programme number that gives required number of wrapping layers.
NB! Only needed the first time.
- Place the unwrapped bales between the yellow pipes according to picture. Otherwise there's a risk it may fall off in starting procedure.
- Stand away from Q-Pack and then press button **[AUTO]** on the remote control.
Warning lights and warning sound are activated 4 sec. before the machine starts to wrap.
! Check that the work area is free from people before you start the machine.
- When the machine is finished wrapping the bale and the yellow warning light has stopped you can unload the wrapped bale.
If you run out of plastic during wrapping, follow instructions in chapter **6.5 Operating manually**



6. FUNCTION, continuation

6.4 Operating

6.4.3 Wrapping Q-Pack 100 2 bales

Claas Quadrant 1100

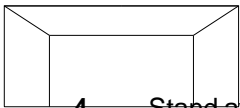
W=80 cm, H=100 cm, Lmax=180 cm

1. Check that the rotation table stops with green pipes horizontal The table should be set for loading from behind according to instructions in chapter: **6.7 Loading from behind**

Rotate there after the wrapping arm manually until the wrapping arms arrow stands in front of or passes the arrow on the rotation tables side. If the wrapping arm is not located in this position the plastic film will not fasten to the bale when you start wrapping.

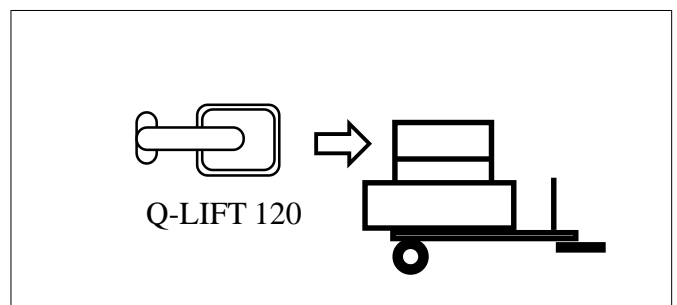
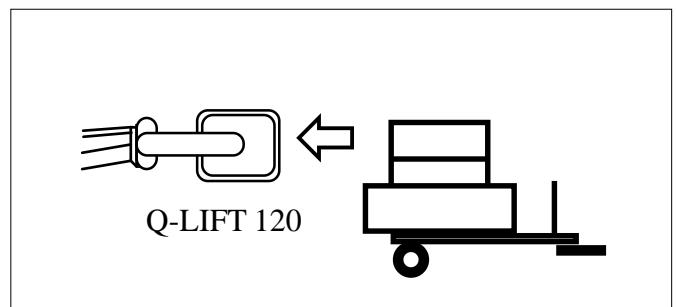
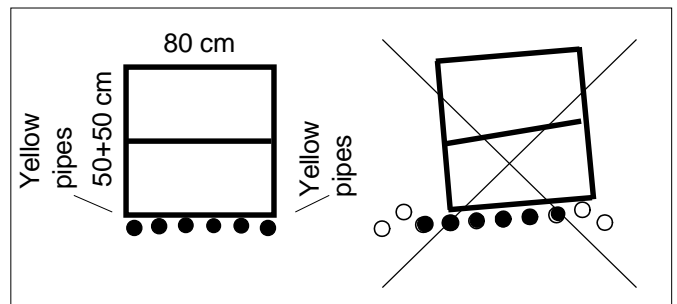
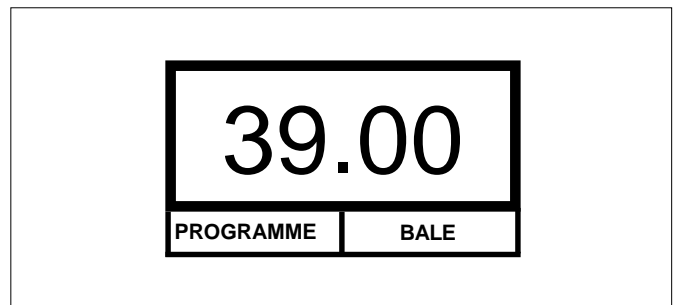
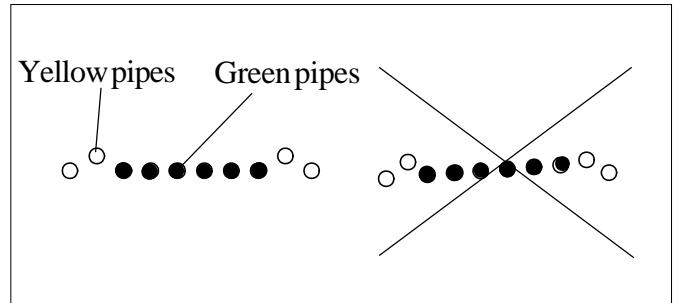
2. Check that you select the programme number that gives required number of wrapping layers. **NB! Only needed the first time.**

3. Place the unwrapped bales between the yellow pipes according to picture. Otherwise there's a risk it may fall off in starting procedure.



4. Stand away from Q-Pack and then press button **[AUTO]** on the remote control. Warning lights and warning sound are activated 4 sec. before the machine starts to wrap. **! Check that the work area is free from people before you start the machine.** **! Check that both rollers plastic fastens in the starting procedure. If not stop the machine at once. Otherwise the upper bale will fall of the machine when balerotation starts.**

5. When the machine is finished wrapping the bale and the yellow warning light has stopped you can unload the wrapped bale. If you run out of plastic during wrapping, follow instructions in chapter **6.5 Operating manually**



6. FUNCTION, continuation

6.4 Operating

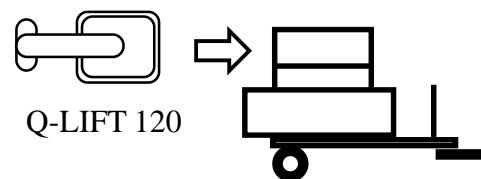
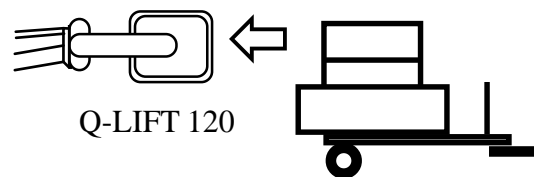
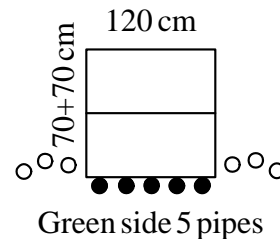
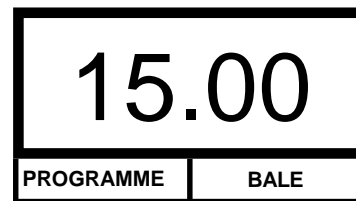
6.4.4 Wrapping Q-Pack 120 2 bales
Claas Quadrant 1200, Welger D6000
W=120 cm, H=140 cm, Lmax=150 cm

- Check that the rotation table stops with green pipes horizontal
 The table should be set for loading from behind according to instructions in chapter: **6.7 Loading from behind**

 Rotate there after the wrapping arm manually until the wrapping arms arrow stands in front of or passes the arrow on the rotation tables side. If the wrapping arm is not located in this position the plastic film will not fasten to the bale when you start wrapping.
- Check that you select the programme number that gives required number of wrapping layers. **NB! Only needed the first time.**
- Place the unwrapped bales between the yellow pipes according to picture. Otherwise there's a risk may fall off in starting procedure.
- Stand away from Q-Pack and then press button **[AUTO]** on the remote control. Warning lights and warning sound are activated 4 sec. before the machine starts to wrap. **! Check that the work area is free from people before you start the machine.** **! Check that both rollers plastic fastens in the starting procedure. If not stop the machine at once. Otherwise the upper bale will fall of the machine when balerotation starts.**
- When the machine is finished wrapping the bale and the yellow warning light has stopped you can unload the wrapped bale. If you run out of plastic during wrapping, follow instructions in chapter **6.5 Operating manually**

120 cm

● ● ● ● ●
 Green side
 5 pipes



6. FUNCTION, continuation

6.4 Operating

6.4.5 Wrapping Q-Pack 120 1 bale Claas Quadrant 1200, Welger D6000 W=120 cm, H=70 cm, Lmax=140 cm

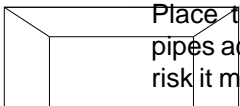
1. Check that the rotation table stops with green pipes horizontal [👉]
The table should be set for loading from behind according to instructions in chapter:
6.7 Loading from behind

Rotate there after the wrapping arm manually until the wrapping arms arrow stands in front of or passes the arrow on the rotation tables side.
If the wrapping arm is not located in this position the plastic film will not fasten to the bale when you start wrapping.

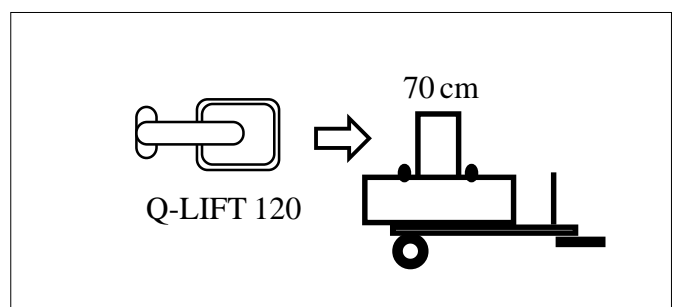
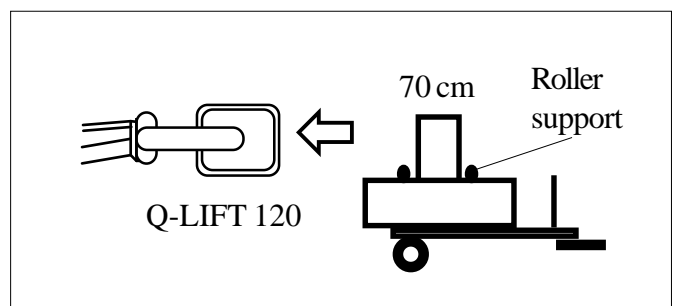
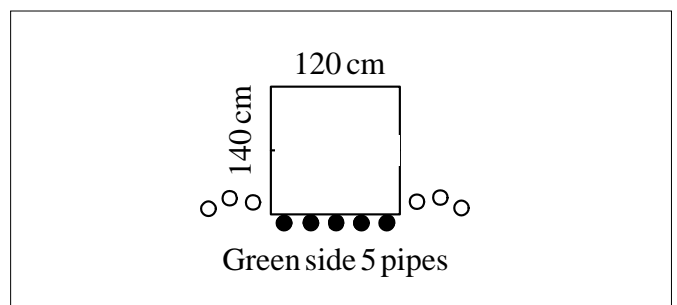
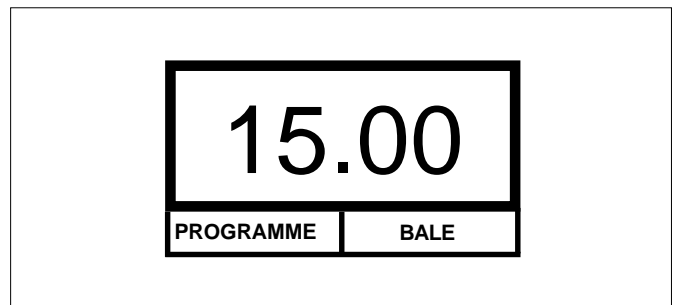
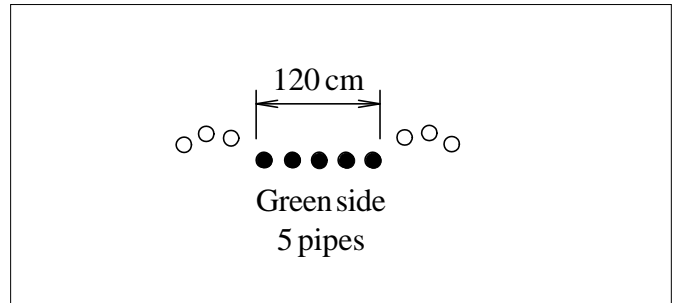
2. Check that you select the programme number that gives required number of wrapping layers.
NB! Only needed the first time.

3. Assemble the 4 extra roller support with a distance of 80-85 cm between them. See chapter **6.9 Assembling of extra roller support**.

Place the unwrapped bales between the yellow pipes according to picture. Otherwise there's a risk it may fall off in starting procedure.



4. Stand away from Q-Pack and then press button **[AUTO]** on the remote control.
Warning lights and warning sound are activated 4 sec. before the machine starts to wrap.
! Check that the work area is free from people before you start the machine.
5. When the machine is finished wrapping the bale and the yellow warning light has stopped you can unload the wrapped bale.
If you run out of plastic during wrapping, follow instructions in chapter **6.5 Operating manually**



6. FUNCTION, continuation

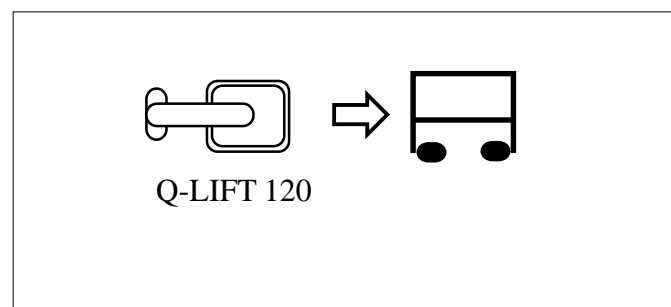
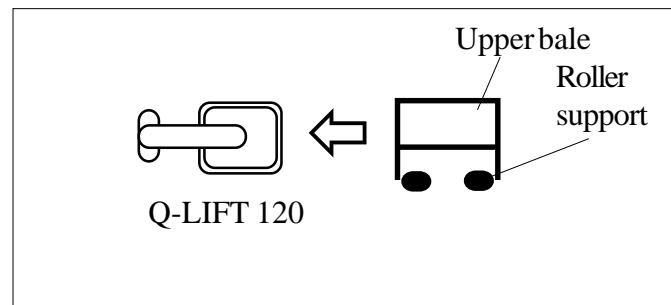
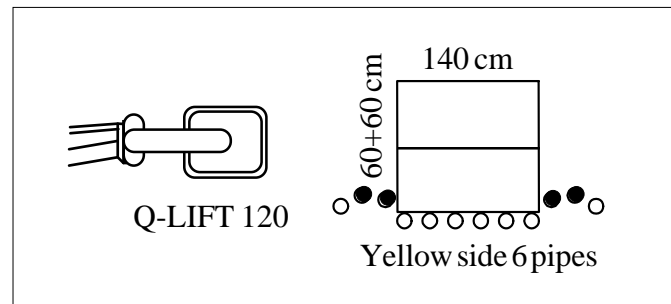
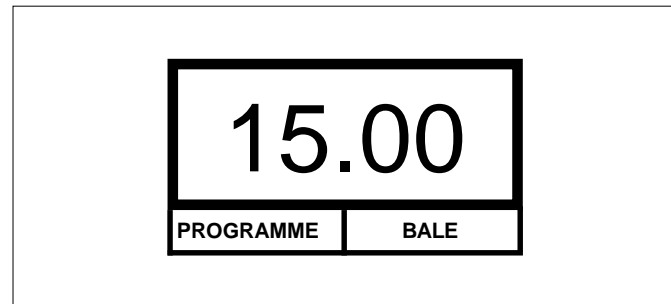
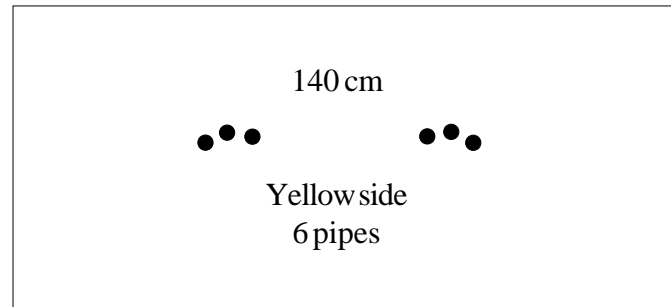
6.4 Operating

6.4.6 Wrapping Q-Pack 120 2 bales New Holland D1000 W=90 cm, H=60 cm, Lmax=140 cm

- Check that the rotation table stops with yellow pipes horizontal [👉]

The table should be set for loading from side according to instructions in chapter: **6.6 Loading from side**

Rotate there after the wrapping arm manually until the wrapping arms arrow stands in front of or passes the arrow on the front or rear guard. If the wrapping arm is not located in this position the plastic film will not fasten to the bale when you start wrapping.
- Check that you select the programme number that gives required number of wrapping layers.
NB! Only needed the first time.
- Assemble the 4 extra roller support with a distance of 100-105 cm between them. See chapter **6.9 Assembling of extra roller support**, and set the table for yellow side when loading, see chapter **6.8 Setting of table**. Place the unwrapped bale between the green pipes according to picture. Otherwise there's a risk it may fall off in starting procedure.
- Stand away from Q-Pack and then press button [AUTO] on the remote control. Warning lights and warning sound are activated 4 sec. before the machine starts to wrap.
! Check that the work area is free from people before you start the machine.
! Check that both rollers plastic fastens in the starting procedure. If not stop the machine at once. Otherwise the upper bale will fall off the machine when bale rotation starts.
- When the machine is finished wrapping the bale and the yellow warning light has stopped you can unload the wrapped bale.
If you run out of plastic during wrapping, follow instructions in chapter **6.5 Operating manually**



6. FUNCTION, continuation

6.4 Operating

6.4.7 Wrapping Q-Pack 120 1 bale Fiat Hesston 4880, New Holland D1210 W=120 cm, H=90 cm, Lmax=140 cm

1. Check that the rotation table stops with yellow pipes horizontal [👉]

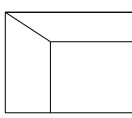
The table should be set for loading from behind according to instructions in chapter:

6.7 Loading from behind

Rotate there after the wrapping arm manually until the wrapping arms arrow stands in front of or passes the arrow on the rotations table side. If the wrapping arm is not located in this position the plastic film will not fasten to the bale when you start wrapping.

2. Check that you select the programme number that gives required number of wrapping layers.
NB! Only needed the first time.

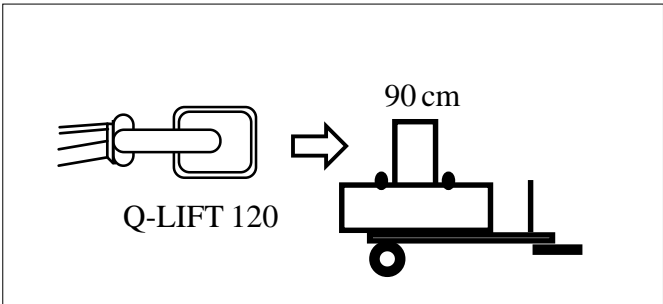
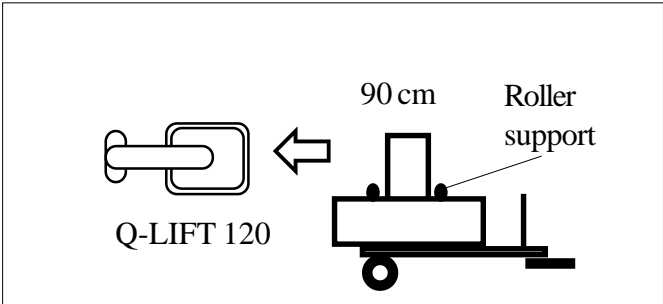
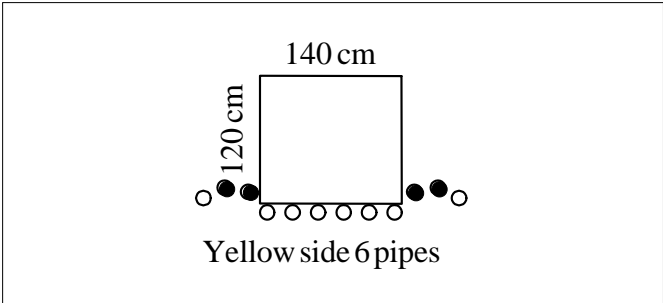
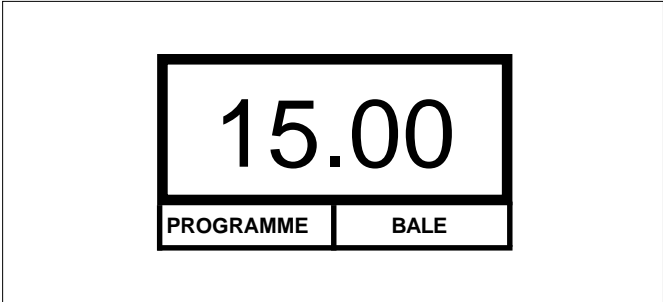
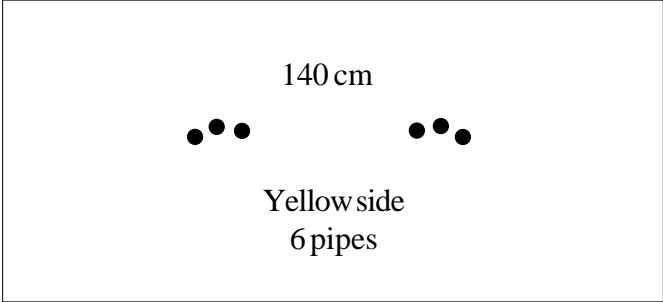
3. Assemble the 4 extra roller support with a distance of 100-105 cm between them. See chapter **6.9 Assembling of extra roller support**.



and set the table for yellow side when loading, see chapter **6.8 Setting of table**. Place the unwrapped bale between the green pipes according to picture. Otherwise there's a risk it may fall off in starting procedure.

4. Stand away from Q-Pack and then press button **[AUTO]** on the remote control. Warning lights and warning sound are activated 4 sec. before the machine starts to wrap.
! Check that the work area is clear before you start the machine.

5. When the machine is finished wrapping the bale and the yellow warning light has stopped you can unload the wrapped bale. If you run out of plastic during wrapping, follow instructions in chapter **6.5 Operating manually**



6. FUNCTION, continuation

6.4 Operating

6.4.8 Wrapping Q-Pack 120 1 bale

W=120 cm, H=80 cm, Lmax=140 cm

- Check that the rotation table stops with yellow pipes horizontal [👉]

The table should be set for loading from behind according to instructions in chapter: **6.7 Loading from behind**

Rotate there after the wrapping arm manually until the wrapping arms arrow stands in front of or passes the arrow on the rotations table side. If the wrapping arm is not located in this position the plastic film will not fasten to the bale when you start wrapping.
- Check that you select the programme number that gives required number of wrapping layers.

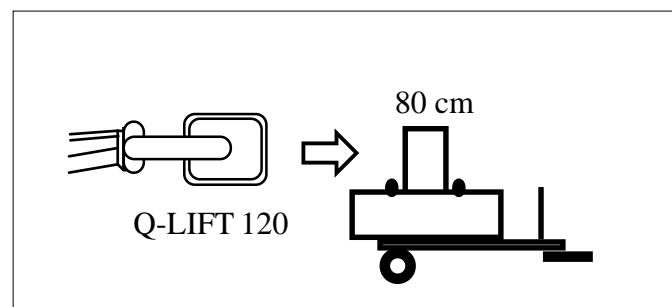
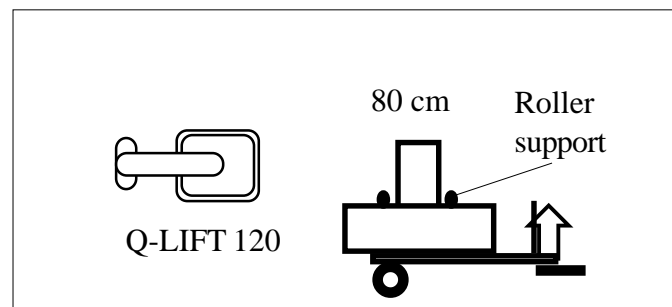
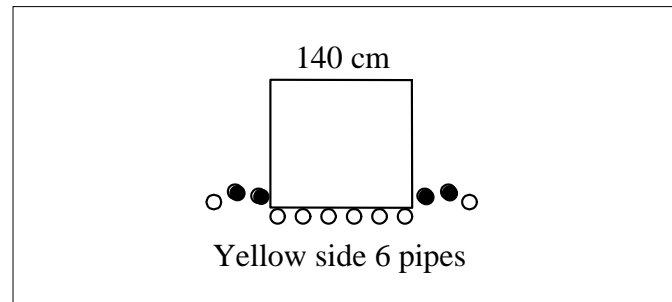
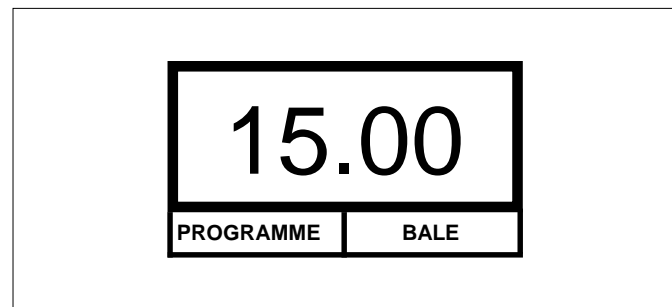
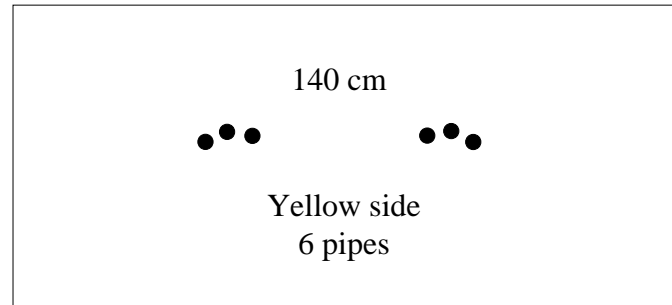
NB! Only needed the first time.
- Assemble the 4 extra roller support with a distance of 90-95 cm between them. See chapter **6.9 Assembling of extra roller support**, and set the table for yellow side when loading, see chapter **6.8 Setting of table**.

Place the unwrapped bale between the green pipes according to picture. Otherwise there's a risk it may fall off in starting procedure.
- Stand away from Q-Pack and then press button **[AUTO]** on the remote control.

Warning lights and warning sound are activated 4 sec. before the machine starts to wrap.

! Check that the work area is clear before you start the machine.
- When the machine is finished wrapping the bale and the yellow warning light has stopped you can unload the wrapped bale.

If you run out of plastic during wrapping, follow instructions in chapter **6.5 Operating manually**



6. FUNCTION, continuation

6.5 Operating manually

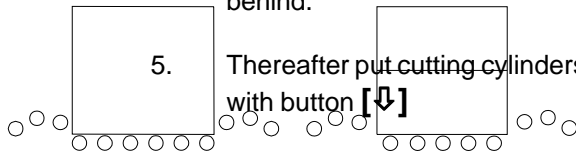
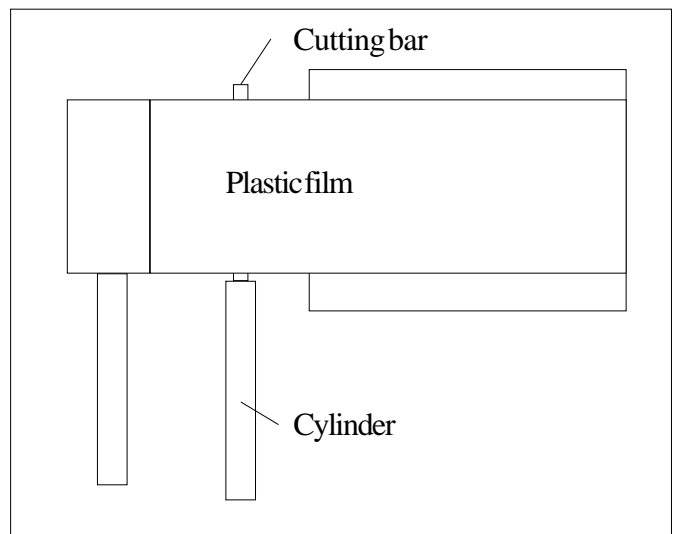
If you run out of plastic film during automatic wrapping, and you have stopped the wrapping finish it by manual control. After assembling new plastic spools use manual wrapping. Follow directions:

1. Continue wrapping by pressing button [👉]
2. Stop manual wrapping when selected layers plastic film are on and the bale stands in a horizontal position as when the wrapping started.
NB! Make sure correct colour on the rollers are upwards when manual wrapping is stopped.
3. Put cutting cylinders in top position with button [⬆️]
4. Move the wrapping arm in rotations directions so that the plastic film is against the cutting bar by the cylinder and that the wrapping arm arrow stands in front of either the arrow on the guard or the arrow on the side of the rotations table, depending on if you are loading from side or behind.

5. Thereafter put cutting cylinders in bottom position with button [⬇️]

6. Now you can continue automatic wrapping.

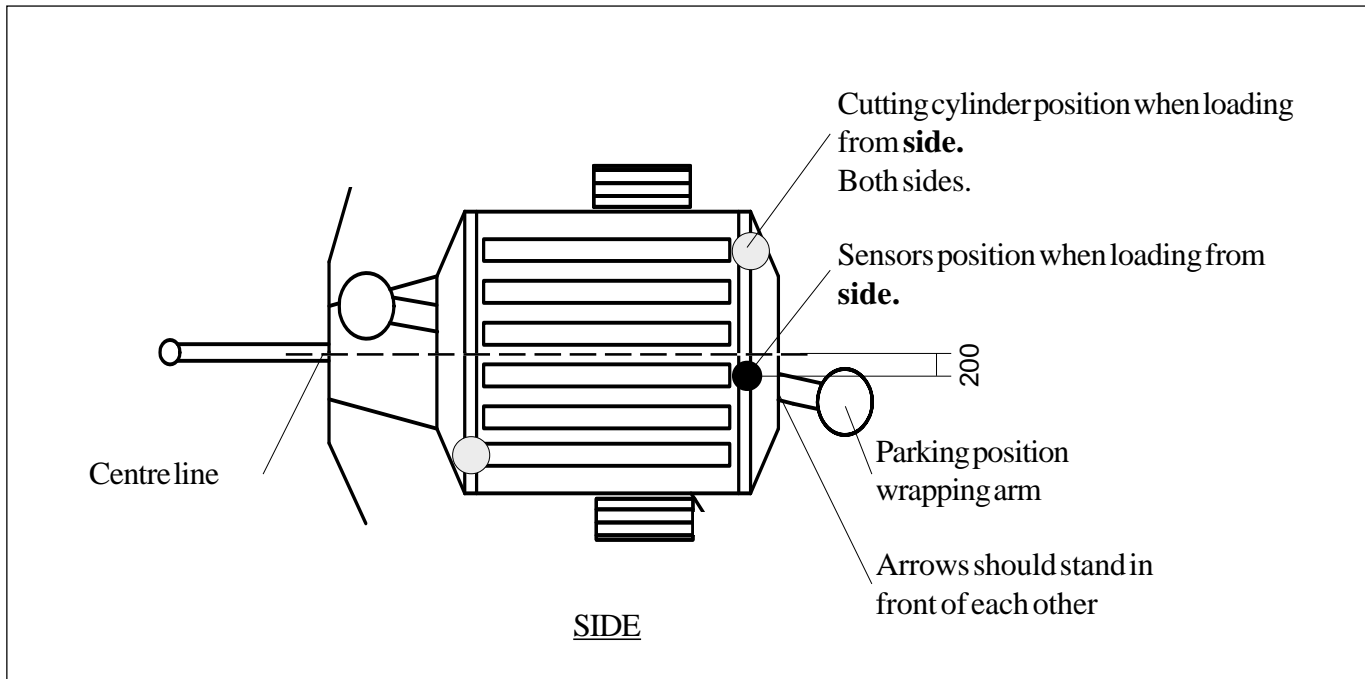
NB! The control box does not remember number of layers left to wrap when wrapping was stopped.



6. MASKINENS FUNKTION forts.

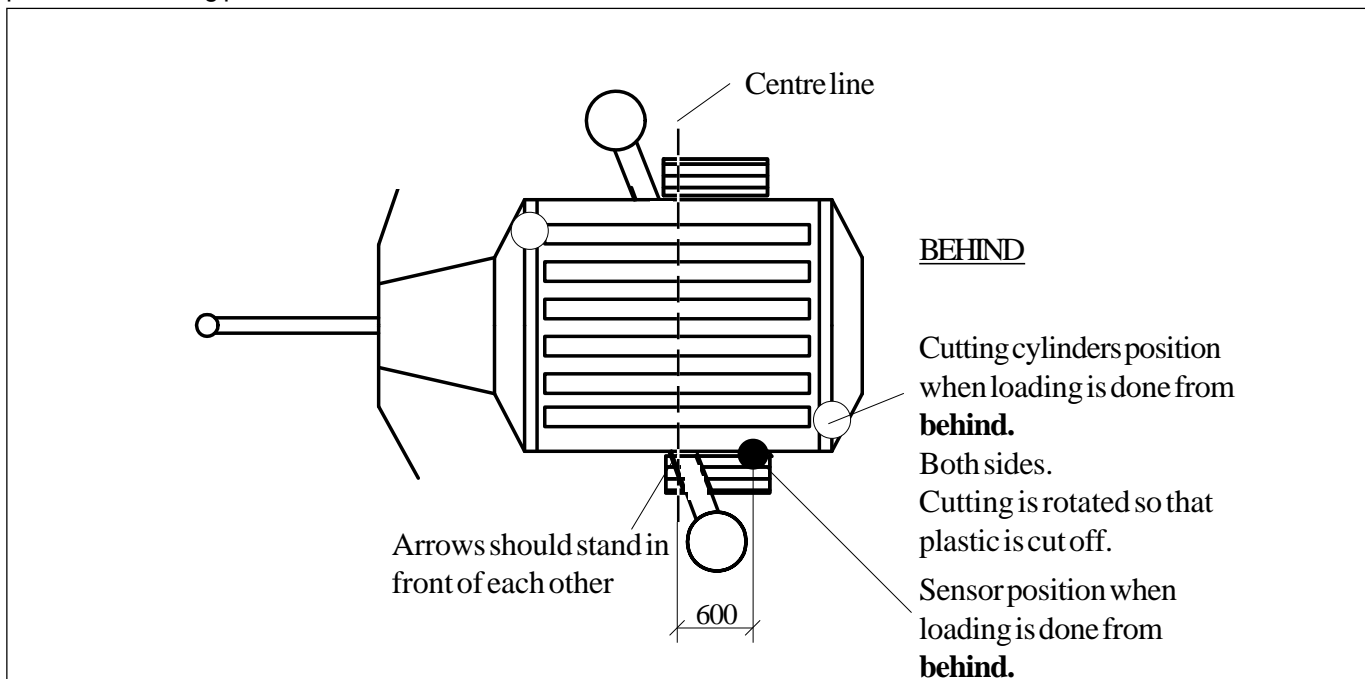
6.6 Setting of loading from side

When loading is done from the side the cutting hydraulic cylinders and the sensor for the wrapping arm should be placed on following positions.



6.7 Setting of loading from behind

When loading is done from behind the cutting hydraulic cylinders and the sensor for the wrapping arm should be placed in following positions:



6. FUNCTIONS, continuation

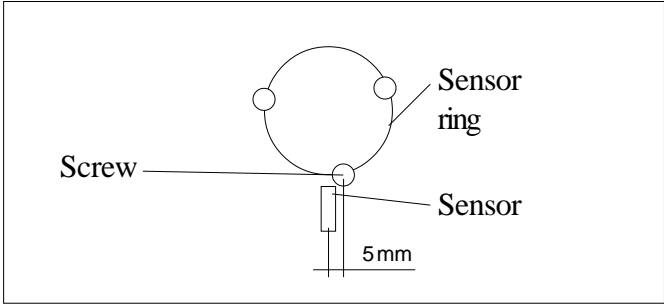
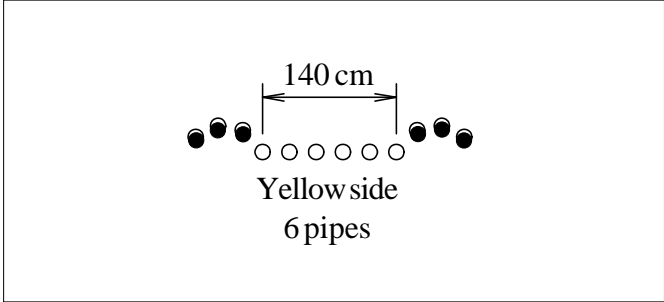
6.8 Setting of table

The machine is adjusted in the factory so that the green side (120 cm) on rotation table stops horizontally.

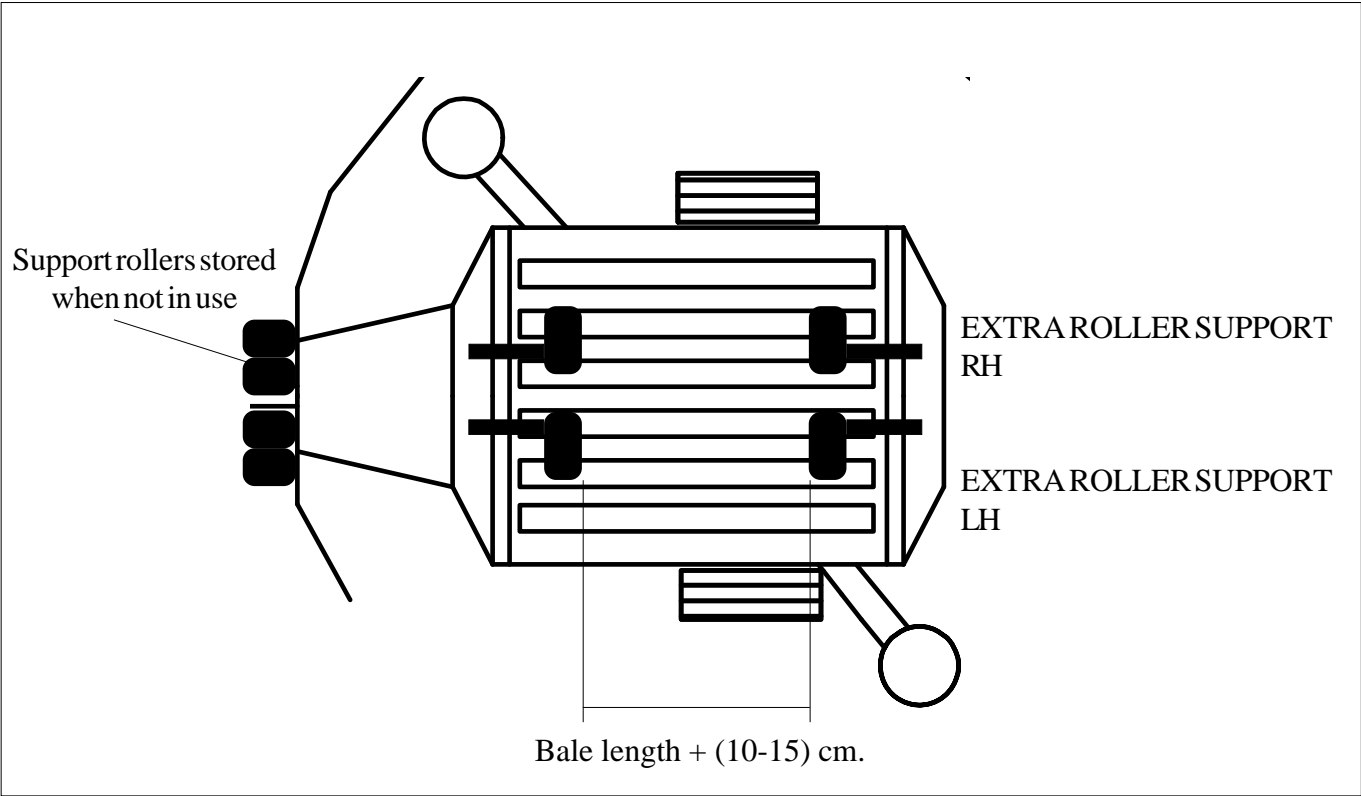
When the yellow side (140 cm) should stop horizontally, follow directions:

1. Remove front guard.
2. Rotate table manually with button [👉] until the yellow side stands horizontal.
3. Adjust the sensor ring so that one of its screw heads is placed as in picture.
4. Assemble guard

To reset, rotate table until green side stands horizontally, and reset sensor ring as above.



6.9 Set./assembl. of extra roller support



6. FUNCTION, continuation

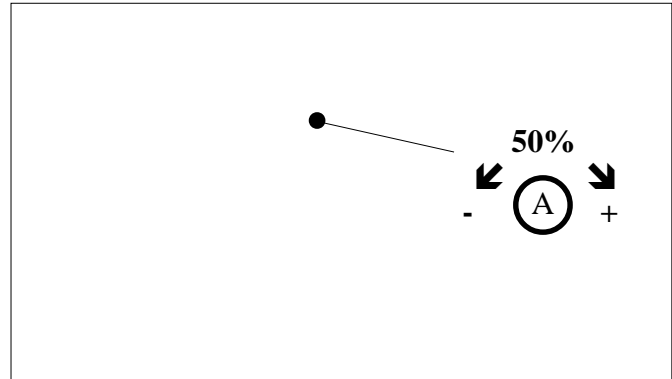
6.10 Setting of overlap

To adjust overlap turn wheel A

- clock-wise for increased overlap
- anti clock-wise for decreased overlap

NB! Check that you achieved correct overlap at the corners on the bale. For example, if there is 50% overlap at the corners it can be 75% on the sides.

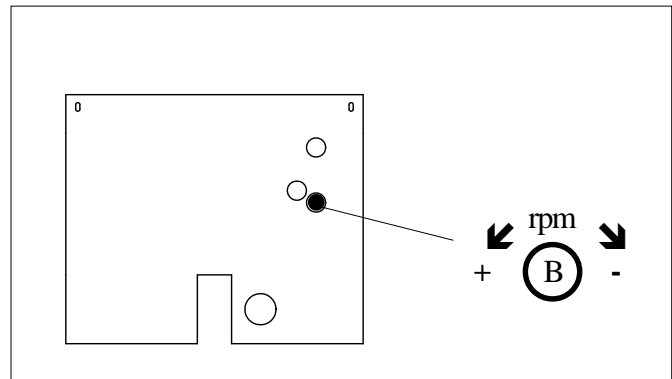
Operator of the machine is always responsible for correct overlap.



6.11 Setting of wrappingarm speed

The speed of the wrapping arm is app. 30 rpm when adjusted against the trigger unit basic setting.

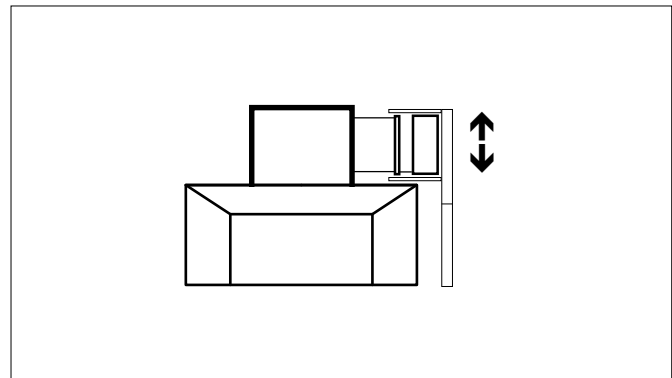
To change the speed of the wrapping arm you need to change the setting on the trigger unit. Contact your local dealer or Rekordverken Sweden for information.



6.12 Setting of plastic spool holder

Adjust the plastic spool holder so that the plastic lays in the centre of the bale.

Check that the plastic doesn't scrape on the knife to the cutter.



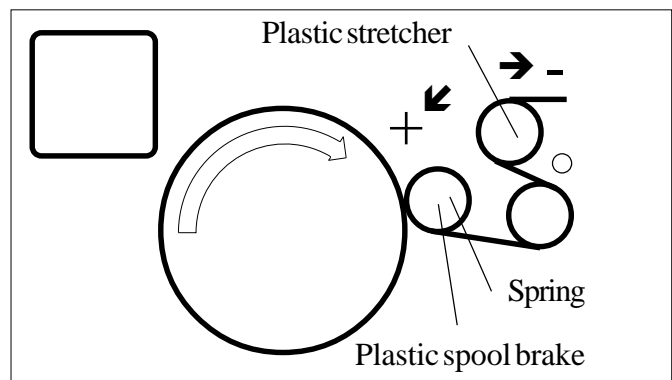
6.13 Setting of plastic pre-stretching

To **increase** the stretch of the plastic **turn** the stretcher anti-clockwise + screw the screw by the stretcher clockwise. To **reduce** the stretch do it the **opposite** way.

Plastic spool brake can be adjusted with it's upper bolt. Tighten spring harder if more stretch is required.

The stretch should be 70%.

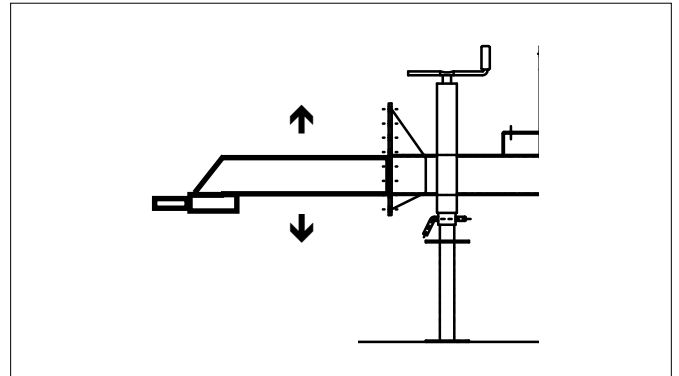
Operator of the machine is always responsible for correct stretching.



6. FUNCTION, continuation

6.14 Setting of tow

For best function set the machine in a horizontal position.

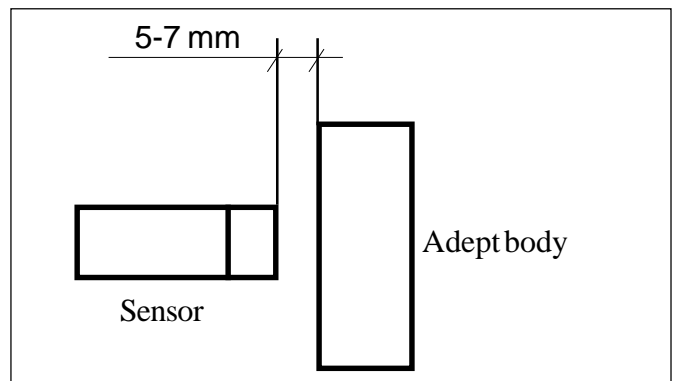


6.15 Setting of indicator

The sensor range for the sensor ring screws and wrapping arm should be 5-7 mm.

When the sensor diode shines (when the current is connected) the sensor gets the signal.

Check that wrapping arms sensor gets a signal from both wrapping arms.

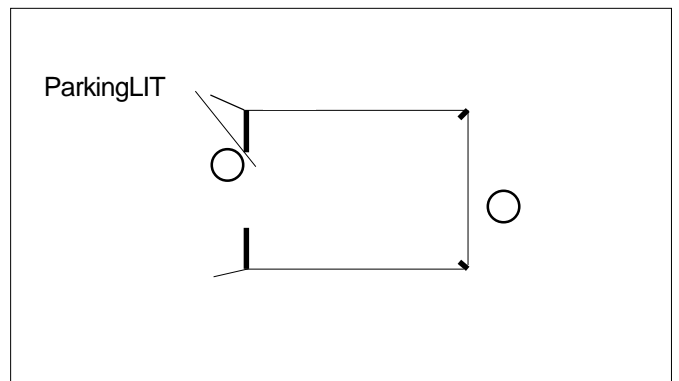


6.16 Transportation

Assemble parkingLIT above the wrapping arms front arm.

Push in the 4 poles round the machine and check that they are tightlyLITed with the springLITs.

Hang up safety lines on the hooks by the table sides and around the rear guide roller.

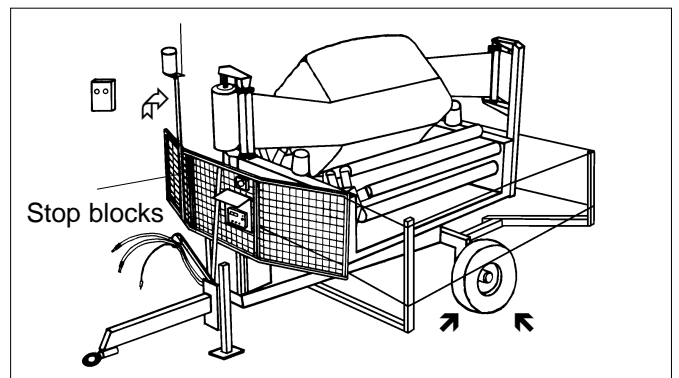


6.17 Parking

When the machine is stored place both stop blocks under the wheel so that the machine can't start to roll.

Stop blocks are stored in the front on the safety net.

If the machine is parked inside with a limited ceiling height both warning light and antenna can be folded towards the side by loosening both handles.

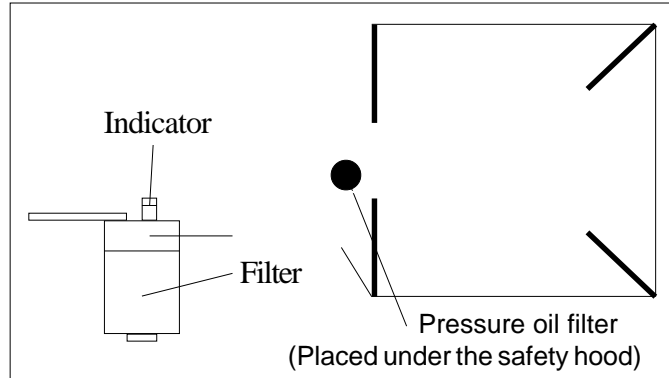


7. MAINTENANCE

7.1 Changing of oil filter

Every thousand bales check the filter indicator on the pressure filter. At **red** signal the filter should be changed. At a check the oil should circulate through the valve block and reach operation temperature. On John Deere tractors the cutting rams should be operated up and down when control is being carried out.

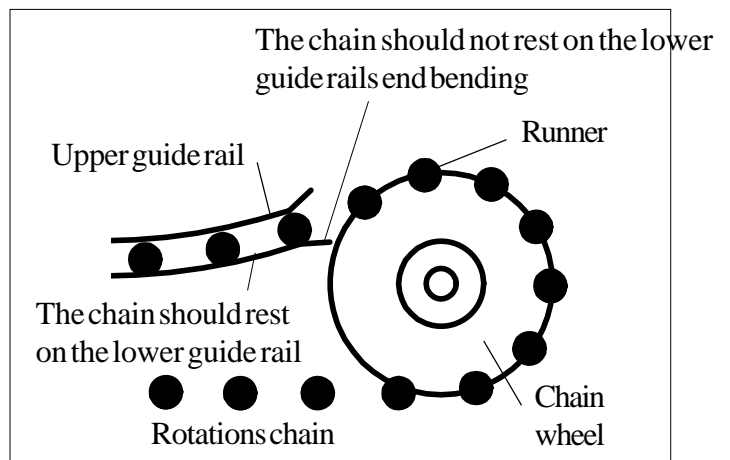
NB! Don't stand inside the safety cage when checking is done. When changing unscrew the filter.



7.2 Tensioning of rotation chain

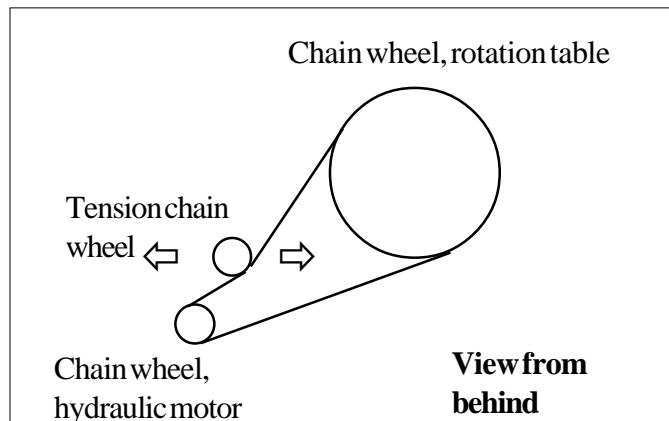
It's important that the rotation chain is tight. If it's not tight the bale can rotate jerkily and the plastic overlap will not be exact.

Do not overtighten. As a guide the chain should rest on the lower guide rail.



7.3 Chain tension

Check tension on drive driving chain every 500 hundred bales.



7.4 Ballrace slewing tension

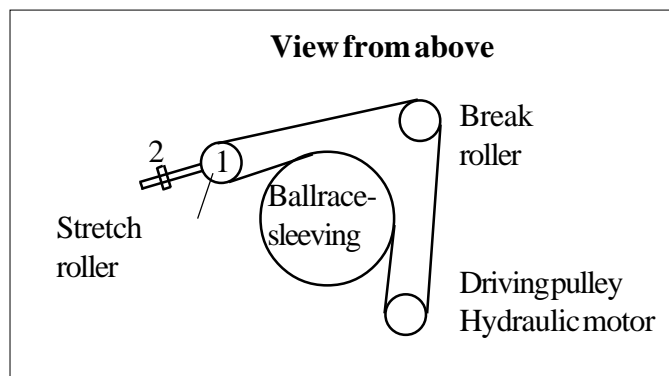
Check belt tension every 500 hundred bales.

Tighten belt:

1. Loosen socket head cap screw 1.
2. Tighten belt with bolt 2.
3. Tighten socket head cap screw 1.

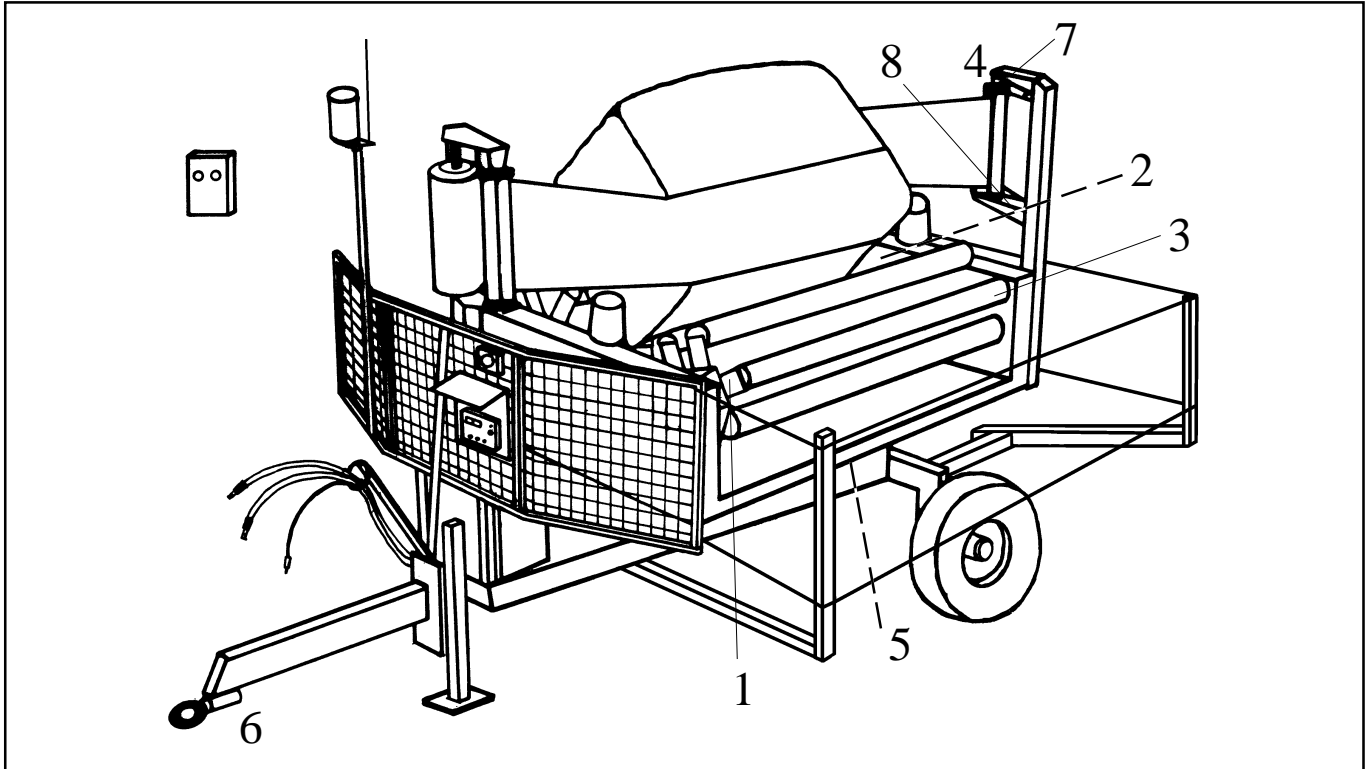
Change of belt:

1. Loosen belt tension as much as possible.
2. Change belt.



7. MAINTENANCE, continuation

7.5 Lubrication chart



Pos.	Name	Qty nipples	Type of oil	Interval	Comment
1.	Rotation chain rollers	-	oil	1 time / day	Very important
2.	Driving chain	-	oil	500 bales	
3.	Bearing rot. chain	4	grease	500 bales	
4.	Plastic stretcher	4	grease, lithium based	500 bales	Max 1 shot
5.	Ball race sleeving	4	grease	1 time / year	Located under the mach.
6.	Toweyelet	1	grease	1 time / year	
7.	Springloaded plastic cone, shaft -	-	oil	1 time / week	
8.	SpringLIT	-	oil	1 time / week	

7.6 Storage

- ! After the season is over clean and grease the machine. Push cutting cylinders to bottom to avoid rust.
- ! Assemble dust covers on bayonet couplings.
- ! The machine should be stored indoors out of season.
- ! Remove the control box cabinet at the flexible lead connector and store it indoors in warm dry conditions.
- ! The radio sensor should also be stored indoors.

7.7 Trouble shooting

CONCERN. CONTROLBOX DOESN'T START WHEN PRESSING [ON]

- Possible cause.** Electric plugg not connected.
- Possible cause.** Emergency stop are in stop position.
- Possible cause.** Cabel beetwen electric plug and controlbox damaged
- Possible cause.** Controlbox damaged.

CONCERN. MACHINE DOESN'T START WHEN PRESSING [AUTO] ON TRANSMITTER.

- Possible cause.** Low current
- Possible cause.** Radio transmitter damaged
- Possible cause.** Low antenna earth or damaged antenna cabel.
- Possible cause.** Radiotransmitter damaged.
- Possible cause.** Switch main for remote control in position OFF.
- Possible cause.** Cabel beetwen receiver and controlbox damaged.

CONCERN. WRAPPINGARM ROTATE TO SLOW AND ERRORMESSAGE ARE GIVEN IN CONTROLBOX.

- Possible cause.** No hydraulic power to machine.
- Possible cause.** No current to V4, V8.
- Possible cause.** Solenoid valve V4, V8 are stuck.
- Possible cause.** Dirt in restriction hole 1,1mm.
- Possible cause.** Hydraulic motor broken
- Possible cause.** Belts slack

CONCERN. CUTTING CYLINDERS DOESN'T GOES UP AND/OR DOWN.

- Possible cause.** No current to solenoid valve V6, V5.
- Possible cause.** Solenoid valve V6, V5 are stuck.

CONCERN. ERROR MESSAGE 99.02 BUT WRAPPING ARM TURNS WITH CORRECT SPEED.

- Possible cause.** Distance beetwen sensor and wrapping arm not correct.
- Possible cause.** Sensor are wet.



8. TECHNICAL SPECIFICATIONS

Length x Width x Height	525 (425 cm without tow eyelet) x 225 x 280 cm (230 cm without antenna)
Weight	2250 kg.
Tyre dimension	10/80-12 10L Air pressure 420 kPa.
Tractor coupling	Tow eyelet, tow fork or trailer coupling
Tractor hydraulic	1 way pressure with free return 25 litre/min 160 bar.
Hydraulic oil type	SHS 46
Electrical connection	Plug 2-poles 12VDC (cont. current)
Lights	Trailer coupling 7-poles 12V
Trigger unit	Electrically guided hydraulic valves with bale counter and automatic wrapping cycle. Automatic operation on machine or from remote control. Can also be operated manually.
Film overlap	Stepless adjustable
Width of film	500 or 750 mm
Wrappingarm rotation speed	Max 30 rpm
Noise rating	89 dB(a) by control box
Colour code	IKEA Gul nr. 2, RAL 1028, NCS 0090Y20R

9. ACCESSORIES

9.1 Hydraulic aggregate Petrol / Diesel

Hydraulic aggregate that gives oil and electricity to Q-Pack.

9.2 Resetting kit

With two switches the machine is set for loading from behind or from the side and also if you load the machine with green or yellow side up on the rotation table.

9.3 Plastic spool hold. for 750 mmplast.

To wrap with 750 mm width on the plastic film change 500 mm holders (standard) to 750 mm holders.

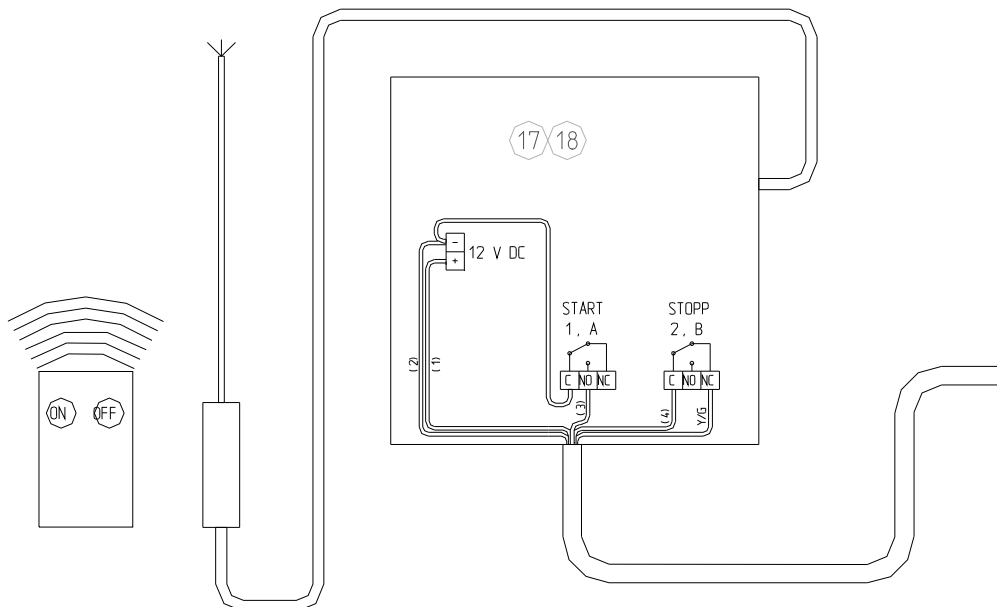
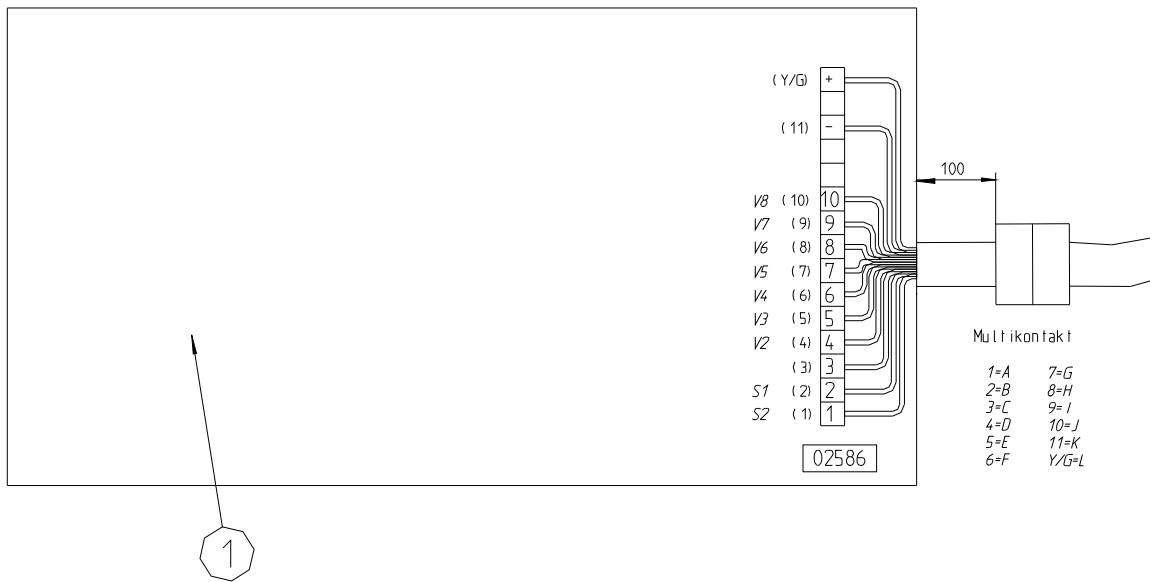
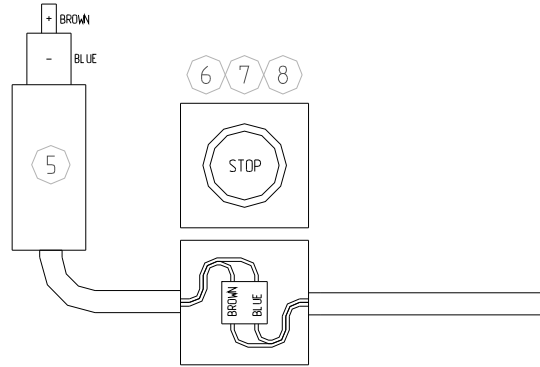
9.4 Round bale kit Q-Pack 120

To achieve a good rotation of round bales with Q-Pack 120.



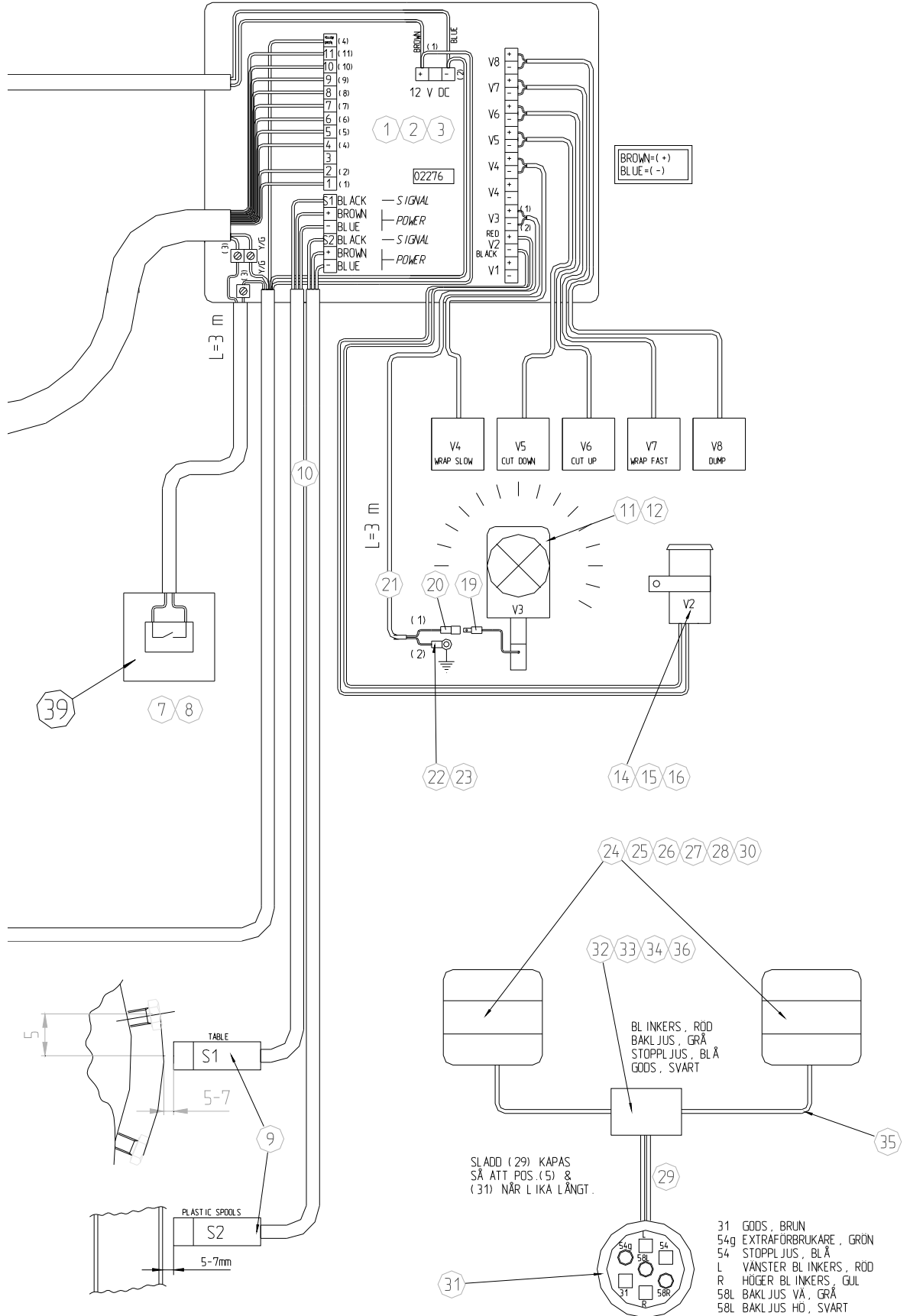
10. COUPLING CHARTS

10.1.1 Electrical chart



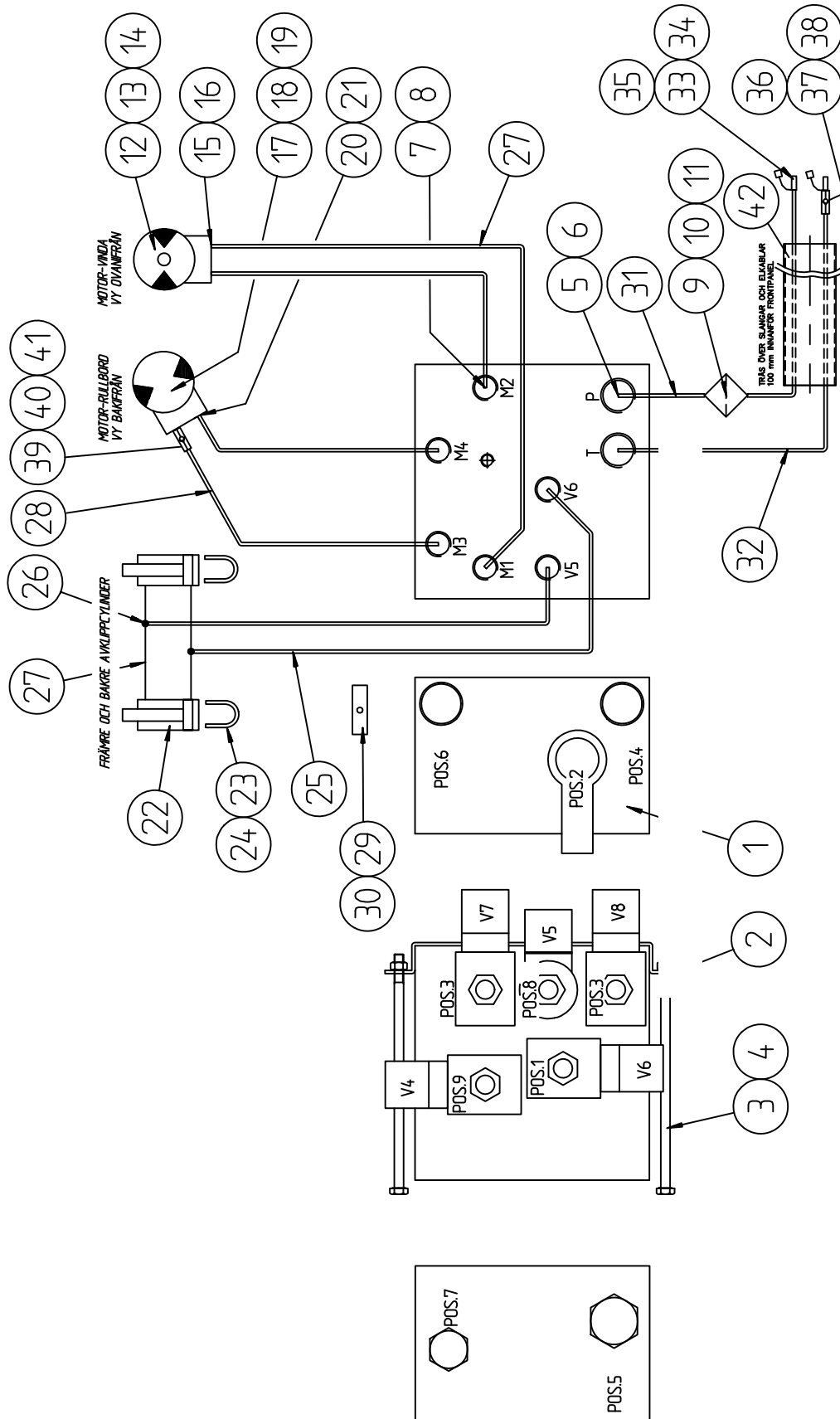
10. COUPLING CHARTS continuation

10.1.2 Electrical chart



10. CHARTS contin.

10.2.1 Hydraulic charts



10. CHARTS cont.

10.2.2 Hydraulic chart

