

**TANCO AUTOWRAP  
1080-A MODEL 2001  
OPERATORS HANDBOOK  
AND  
PARTS LIST  
WD66-1080-A-M0201-N.T**

## GUARANTEE

Subject as hereunder provided, the Sellers undertake to correct either by repair or at their election by replacement any defect of material or workmanship which occurs in any of its goods within twelve months after delivery of such goods to first user, with the exception of contractors or commercial users when warranty period is six months.

In respect of Autowraps the warranty period is for 12 months or 8000 bales, whichever occurs first.

In respect of Aerways, tine breakage will be assessed on an individual basis in every case.

The term goods when used in this document means the article or articles described in Invoice as sold by the Sellers but does not include equipment or proprietary parts or accessories not manufactured by the Sellers. The Sellers, however, undertake to pass on so far as they legally can to the first user the benefit of any warranty given to the Sellers by the suppliers of such equipment, parts or accessories. This understanding shall not apply to:-

- (a) Any goods which have been sold by the first user.
- (b) Any goods which have been injured by unfair wear and tear, neglect or improper use.
- (c) Any goods the identification marks of which have been altered or removed.
- (d) Any goods which have not received the basic normal maintenance such as tightening of bolts, nuts, tines, hose connections and fittings and normal lubrication with the recommended lubricant.
- (e) The use of any product on tractors exceeding the recommended horsepower.
- (f) Any goods which have been altered or repaired other than on instruction or with the written approval of the Seller or to which any part not manufactured or having written approval by the Sellers have been fixed.
- (g) Any second-hand goods or part thereof.

Any allegedly defective part or parts returned to the Sellers must be sent carriage paid. No claim for repair or replacement will be entertained unless upon discovery of the alleged defect written notification is sent to the Sellers giving, at the same time, the name of the Buyer from whom the goods were purchased and the date of purchase, together with full details of the alleged defect and the circumstances involved, also the serial number of the machine etc.

The Sellers shall be under no liability to their Buyers and first or subsequent users of their goods or to any other person or persons for loss or damages howsoever arising in respect of either personal injuries or for arising out of, or in any way connected with or arising from the manufacturers sale, handling, repair, maintenance, replacement or use of its goods or the failure or malfunction of any of its goods.

Representation and/or warranties made by any person (including Buyers and employees and other representatives of the Seller) which are inconsistent or conflicting with these conditions are not binding upon the Sellers unless given in writing and signed by a Director of the Sellers.

## CLAIMS.

If you wish to make a claim under guarantee:

- 1: Immediately, stop using the machine.
- 2: List the details of the machine, its serial number and the part number of the damaged part.
- 3: Consult with your Tanco dealer (supplier) and have him forward your claim and the damaged item to Tanco.

## GENERAL SAFETY RECOMMENDATIONS

Before operating the machine, always ensure that the tractor and machine meet with work safety and road traffic regulations.

### BASIC PRINCIPLES

- 1 In addition to the recommendations given in this manual, legislation on work safety and accident prevention must also be respected.
- 2 Advice is indicated on the machine, specifying safety recommendations in order to prevent accidents.
- 3 Before travelling on public roads, the operator must ensure that the machine conforms to road traffic regulations.
- 4 Before starting work, the operator must be familiar with all machine controls, handling devices and their functions. once at work, it is too late to do this!
- 5 Do not wear loose clothing which could become caught up in moving elements.
- 6 The tractor should be equipped with a safety cab.
- 7 Before starting up the machine and beginning work, check the surrounding area (beware of children!) . make sure there is sufficient visibility. Keep all people and animals away from the danger zone of the machine (risk of projection!).
- 8 Carrying people or animals on the machine when working or in transport is strictly forbidden.
- 9 Machine must only be attached to tractor using means provided and in accordance with current safety standards.
- 10 Special care should be taken when attaching or removing the machine from the tractor.
- 11 Before transporting the machine on public roads, ensure that all legally required guards and indicators(lights, reflectors ... ) are in place and in good operation.
- 12 All operating controls (cords, cables, rods etc.) must be positioned so that they cannot be set off accidentally, risking accident or damage.
- 13 Before travelling on public roads, put the machine into its transport position as instructed in this operators manual.
- 14 Never leave the tractor seat while the machine is operating.
- 15 Drive speed must be adapted to ground conditions as well as to roads and paths. Always avoid abrupt changes of direction.
- 16 Before operating the machine, ensure that all safety guards are firmly in place and in good condition. If worn or damaged, replace immediately.
- 17 Before operating the machine, check the tightness of all nuts and bolts, particularly on fixing elements (blades, tines, knives, spades etc.,)
- 18 Keep clear of the machine operating area.
- 19 **WARNING!** Danger of crushing and shearing can exist when components are operated by hydraulic or pneumatic controls.
- 20 Before leaving the tractor or before adjusting, maintaining or repairing the machine, turn off the engine, remove the ignition key and wait until all moving parts have come to a complete stop.

## HYDRAULIC SYSTEM

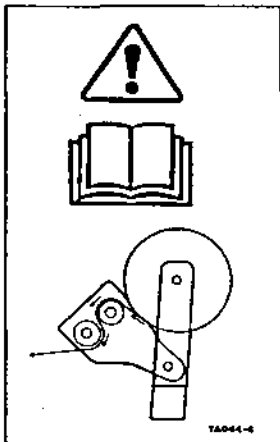
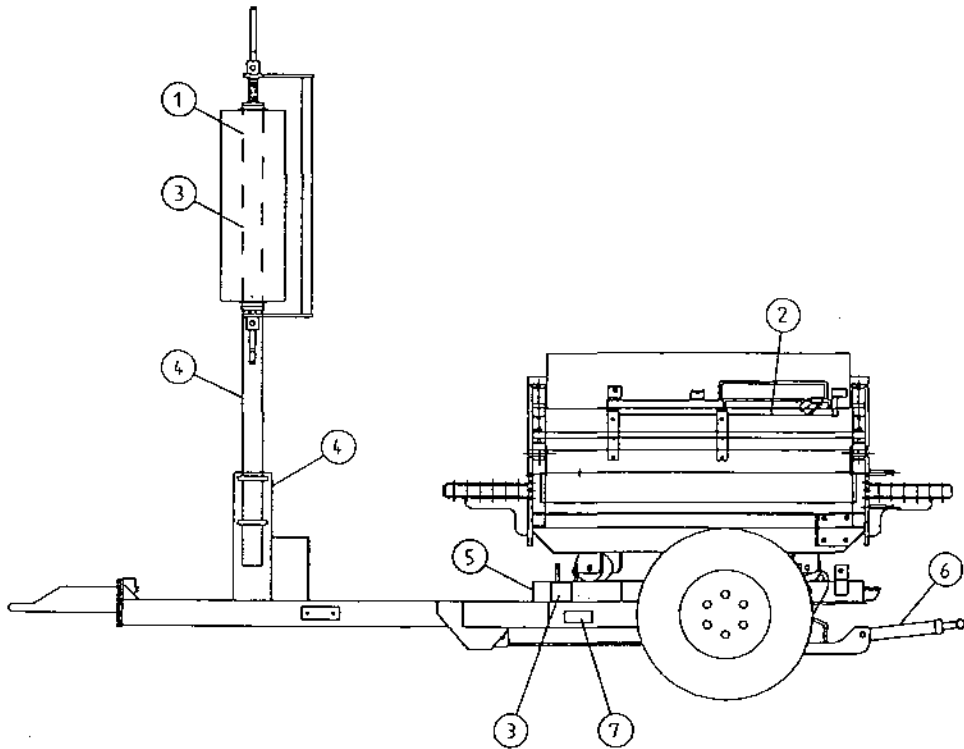
- 1: **WARNING:** Hydraulic system is under pressure.
- 2: When fitting hydraulic motors or cylinders, ensure that connections have been made correctly, as per manufacturers instructions.
- 3: Before connecting hoses to the tractor hydraulics, ensure that tractor and machine circuits are not under pressure.
- 4: It is strongly recommended that the operator marks the hydraulic connections between tractor and machine to avoid making a wrong connection.  
**WARNING:** Functions could be reversed (for example: lift/lower)
- 5: Check hydraulic hoses regularly! Worn or damaged hoses must be replaced immediately. Replacement parts must be in accordance with the manufacturers recommendations concerning specifications and quality.
- 6: Should a leak be found, take all necessary precautions to avoid accidents.
- 7: Any liquid under pressure (particularly oil from hydraulics) can penetrate the skin and cause severe injury. If injured, see a doctor immediately, there could be a danger of infection.
- 8: Before any adjustments, maintenance or repairs are carried out, lower the machine, depressurize the circuit, turn off the engine and remove the ignition key.

## MAINTENANCE

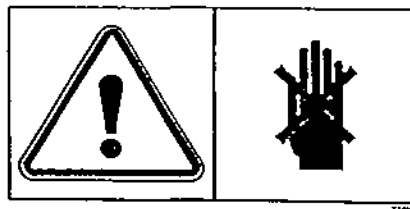
- 1: Before checking for any machine malfunction and before adjusting, maintaining or repairing the machine turn off engine and remove ignition key.
- 2: Check tightness of nuts and bolts regularly. Retighten if necessary,
- 3: If the machine is raised, prop it up in a stable position before carrying out any maintenance work.
- 4: When replacing a working part, wear protection gloves and use only standardized tools.
- 5: It is forbidden to discard any oil, grease or filters. These must be given to waste disposal organisations to protect the environment.
- 6: Disconnect power source before any work is done to the electric system.
- 7: Check safety guards regularly, particularly those that are subject to wear. Replace immediately if damaged.
- 8: Spare parts used must be in accordance with specifications and standards as defined by the manufacturer. Use only genuine TANCO parts.
- 9: Before any electric welding is carried out on tractor or attached machine, disconnect generator and battery terminals.
- 10: Repairs on elements under pressure or tension (springs, accumulators etc-) must only be carried out by competent persons with standardized equipment.

## SAFETY DECALS

The following safety decals have been placed on your machine in the areas indicated. They are intended for your personal safety and for the safety of the people working with you. With this manual, walk around your machine and note the content and location of these warning signs. Review these decals and the operating instructions in the manual with your machine operators. Ensure that these decals are always legible. If they are not replace them.



1. READ OPERATORS MANUAL



2. WARNING: SHARP BLADE



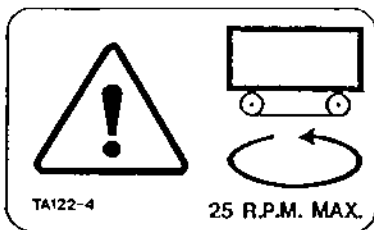
3. DANGER STAND CLEAR



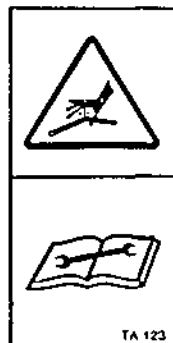
4. BEFORE STARTING MACHINE  
READ OPERATORS MANUAL  
AND SAFETY INSTRUCTIONS



7. ENSURE THAT NUTS ARE  
KEPT TIGHT



5. DO NOT EXCEED TURNTABLE  
SPEED OF 25 R.P.M.



6. BEWARE: HOSES UNDER  
PRESSURE AT ALL TIMES

## **PRE DELIVERY INSTRUCTIONS**

**IMPORTANT: DO NOT ATTEMPT TO OPERATE UNTIL THE FOLLOWING INSTRUCTIONS ARE PERFORMED OTHERWISE SERIOUS DAMAGE COULD BE CAUSED**

### **1. MACHINE ASSEMBLY**

For ease of transportation some items are removed from their positions and stored elsewhere on the machine. The control box, film dispenser and cut and start unit are stored under the bale belt. Also stored under belt on remote control machines are the infra red receiver and sender units and warning beacon. The film mast is attached to the front of the machine. On round bale machines only, the top rollers c/w mounting brackets and the plastic end rollers are mounted on temporary brackets beside the bale belt. Road wheels, bale lift arm and bale ramp are transported separately. Remove the above items and assemble as detailed in parts list section of this manual taking particular note of the following points.

#### **(i) DISPENSER MAST**

Insert lift mast into socket towards front of machine. Ensure film pull down ram is faced towards the machine. Attach the pull down arm hydraulic ram. Attach the film dispenser to the mast ensuring that the end marked top is faced up. On remote control machines attach the infra-red receiver and warning beacon to top of mast. The film mast height is adjustable. Its height is dependant on bale size and type and is set in the field.

It should be set so that centre line of film is in line with centre of bale. See Fig. 1

#### **(ii) CUT & START**

Attach Cut & Start unit to mounting frame on the left hand side of the machine. It is possible to move the unit along the mounting and fix it to any of three holes. On all round bale wrapping machines the unit is fixed to the centre hole on the mounting frame. Connect electrical supply to unit ensuring that wiring is secure. The cable is stored on the turntable frame near the Cut & Start mounting.

#### **(iii) BALE LIFT ARM**

Assemble bale lift arm and attach to mounting points on right hand side of main chassis. Attach hydraulic ram to lift arm; grease pivot pins.

#### **(iv) TOP ROLLERS AND PLASTIC END ROLLERS**

Place plastic end rollers in sockets on the back and front of the turntable. On round bale machines only, attach top rollers and mounting brackets to each side of the machine.

## 2. OPERATIONAL TEST

When all above assembly and checks have been carried out the operation of the machine should be checked as follows:

**NOTE: IF YOU ARE NOT TOTAILLY FAMILIAR WITH THE OPERATION OF THE TANCO CONTROL SYSTEM READ THIS MANUAL IN FULL BEFORE PROCEEDING WITH OPEP.ATIONAL TEST.**

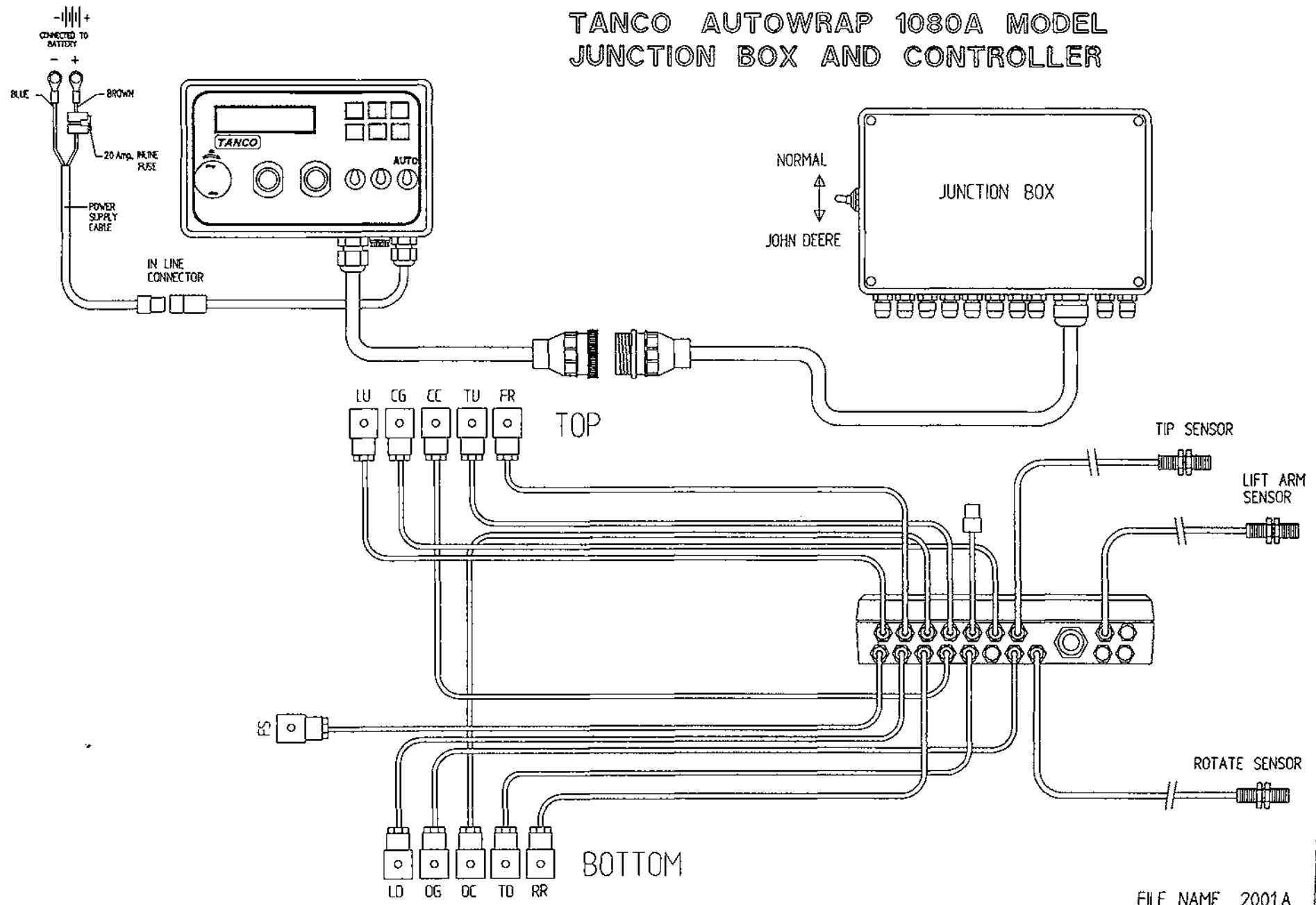
1. Attach machine to tractor.
2. Connect hydraulic hoses to D/A service on tractor.
3. Fit controller box inside cab.
4. Connect control box to machine and connect power cable direct to tractor battery. It is important that the leads are connected with the correct polarity.
5. Fit cable control actuator socket to convenient position in cab and locate actuators in socket.
6. Lock hydraulic lever in tractor so that oil is flowing through system.
7. Check function by operating control levers.
  - (a) Lift arm up and lift arm down. NOTE ensure lift arm is down before moving to (b).
  - (b) Turntable rotation forward and reverse.
  - (c) Tip up and down checking hoses are o.k.
- 8- Switch controller on.
9. Switch controller to manual operating mode by operating toggle switch.
10. Check Cut & Start plunger out and in.
11. Switch machine to AUTO mode then run through the wapping cycle. See operating instruction section of this manual on how the machine should perform, and if any function fails to operate correctly consult fault finding section of the operators manual.

## 3. CUSTOMER CHECKS

Before despatching consult customer on the following points:












1. That the machine model suits his requirements.
2. If machine is to be operated on a tractor with a closed centre hydraulic system then a closed centre valve is required, see separate instructions.
3. That the tow hitch type is compatible with the tractor. Three different hitch types are available.



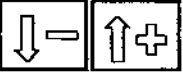


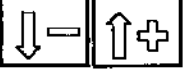
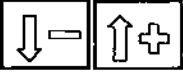
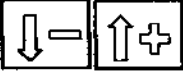
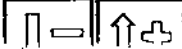
# TANCO AUTOWRAP 1080A MODEL JUNCTION BOX AND CONTROLLER







## THE DISPLAY UNIT AND PANEL FUNCTIONS

SWITCH FUNCTIONS	EXPLANATION.
Fig1 	Tip off the bale on manual instruction.
Fig2 	Tip table back to horizontal on manual instruction.
Fig3 	Close cutter on manual instruction.
Fig4 	Open cutter on manual instruction.
Fig5 	Lower load arm on manual instruction.
Fig6 	Raise load arm on manual instruction.
Fig7 	Raise elbow on manual instruction ( 1080ATP only )
Fig8 	Lower elbow on manual instruction ( 1080ATP only )
Fig9 	Release bale on manual instruction ( 1080A only )
Fig10 	Grab bale on manual instruction ( 1080A only )
Fig11 	Turn table seek next position, for load or offload, with slow speed on manual instruction.



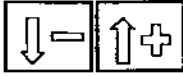

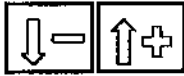


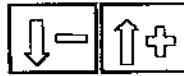

DISPLAY INDICATION	FOR NEXT VIEW DEPRESS	DESCRIPTION.
<p><b>ACTUAL RPM 29</b> <b>ALARM LIMITS: 16 - 30</b></p>		<p>The 16 - 30 indicate the programmed limits of the turntable speed. Should the speed exceed 30 rpm or fall below 16 rpm, the audio alarm will be engaged and the display will show this message. The Actual RPM shows the wrapping speed at any given instant.</p>
<p><b>BALE COUNTERS</b> <b>PRESS SET TO ENTER</b></p>		<p>The system has all in all 10-bale counters. When entering this display, it is possible to inspect: Total (sum of all bale counters.) Machine total (the sum of all bales ever made on the machine. This is not a reset able value.)</p>
<p><b>BALES TOTAL:</b> XXXXX <b>MACHINE</b> <b>TOTAL: XXXXX</b></p>		<p>Bales total. As below but a reset able function. Machine total displays the total quantity of bales made on the machine in total. This is not a reset able function.</p>
<p><b>COUNTER:</b> 1:XXXX 2:XXXX 3:XXXX</p>		<p>Each counter display contains 3 counters.</p>
<p><b>COUNTER:</b> 4:XXXX 5:XXXX 6:XXXX</p>		<p>Each counter display contains 3 counters</p>
<p><b>COUNTER:</b> 7:XXXX 8:XXXX 9:XXXX</p>		<p>Each counter display contains 3 counters</p>
<p><b>WORKING HOURS: 123</b> <b>MACHINE TOTAL: 798</b></p>		<p>Displays the number of working hours of the machine in 1 week, day or other. ( reset able ) and the total number of the machine operating hours. ( not a reset able facility.)</p>
<p><b>SETUP ( 580A,TRAILED )</b> <b>PRESS SET TO ENTER</b></p>		<p>The operator may here change some parameters relating to the machine in order to alter the machine cycle, sensor setup, hydraulic flow table selection and other different options.</p>
<p><b>WELCOME TO SETUP!</b></p>		

<p>LOAD ARM DOWN, No: 16:0 CUT /HORIZONTAL, NO.17:0</p>		<p>20:0 MEANS TERMINAL OR PIN NUMBER 10 , 0 MEANS INACTIVE. WHEN ACTIVE THE STATUS CHANGES TO 20 : 1</p>
<p>ROTATE ( TIP).NO.18:0 INFRA RED REC.NO.19:0</p>		
<p>TEST KEYS PRESSED: XXX.XXX</p>		<p>Enables the testing of each push button on the control panel.</p>
<p>TEST SWITCHES ACTIVATED:XXXX.XXXX.XX</p>		<p>Enables the testing of each function switch on the control panel.</p>
<p>TEST RELAYS, 0=OF XXXXX.XXXXX.XXXXX (12)</p>		<p>Enables the testing of each relay output function for the hydraulics on the controller</p>
<p>TEST. IR REMOTE CONTROL: 00 00 00 00</p>		<p>Enables to test the Ir receiver and transmitter functions.</p>

**CYCLE PROGRAMMING.**

1: Programming the required number of turntable revolutions. (changing from 20 to 25 turntable revolutions.)

2: Choosing 1 of the 9 Bale counters.

DISPLAY INDICATION.		DESCRIPTION.
<p>WRAP CYCLE 0 : <u>20</u> 0</p> <p>BALES : 1 324</p>	  	<p>To enter programming mode, push and hold the SET button for 1 second. The highest value in the program number will now flash, meaning that it may now be changed. As the number is to be changed from 20 to 25 turntable revolutions the number 2 is not required changed therefore push "SET" again to make the lowest number value flash. (eg. "0" )</p>
<p>WRAP CYCLE 0 : <u>25</u> 0</p> <p>BALES : 1 3 2 4</p>		<p>Pushing MENU UP will increase the number value between 0 and 9. Similarly MENU DOWN will reduce the number value between 9 and 0. In this case push MENU UP 5 times to change the number from 0 to 5. Now the required turntable revolutions will read 25.</p>
<p>WRAP CYCLE 0 : 25 0</p> <p>BALES : <u>1</u> 324</p>	    	<p>To exit programming of required turntable revolutions, push the EXIT button. The bale counter number ( in this case counter number 1 ), will flash and the counter number is now changeable. The unit contains 9 individual counters and 1 counter for the sum of bales. The MENU UP or DOWN key is used to change the number. If the same counter is to be used push EXIT again.</p>
<p>WRAP CYCLE 0 : 25 0</p> <p>BALES : 2 125</p>	    	<p>It is shown that the counter chosen, is counter number 2. This counter contains a quantity of 125 bales, stored in the memory. If it is required to continue the bale counting from this quantity and onwards, push EXIT to return to operative mode, or ZERO the counter on the MENU up or DOWN key and then EXIT to return to operative.</p>

### EXAMPLE:

A bale has been wrapped in the manual mode. The operator stops the wrapping cycle with the turntable away from the offload position. Now if an offload command then is given, the system will via the display announce that this is an illegal command, writing **TABLE NOT IN OFFLOADING POSITION..**"

**TABLE NOT IN  
OFFLOADING POSITION**

In order to bring the machine into the correct status the operator must then using the manual TABLE position command to bring the system back to the logical sequence state.

Similarly if a manual wrap cycle is requested and the table is not horizontally positioned, the display will write that the table is not lowered to the horizontal position.

### LOADING A SECOND BALE ONTO THE LOAD ARM WHILE WRAPPING.

When loading a bale onto the turntable, and an auto start command is given, the load arm will automatically return to STANDBY position and the wrapping cycle will automatically begin if the setup defines this. See SETUP, (AUTO LOAD BALE WITH LOAD-ARM: YES / NO). During an auto cycle the operator has permanent manual access to operate the load arm within limits defined in the program. When the operator approaches the 2nd bale and the load arm is lowered to standby position to collect the 2nd bale, the load arm sensor is activated. When lifting the bale and the loading arm reaches the STANDBY position, the loading arm sensor will deactivate the load arm lifting function, preventing collision with the turntable.

After the bale in process is completed an AUTO command will tip off the bale and when the table again is horizontal, yet an AUTO command will load the new bale from the loading arm onto the table, again provided the system is defined to (AUTO LOAD BALE WITH LOAD-ARM: YES)

### VERY IMPORTANT.

**It is not recommended that the loading arm is operated during a table tipping down operation, as there is speed priority on the loading arm causing all other functions to go ½ speed. This may cause the table not to return completely to horizontal position after the off loaded of the bale.**

### TROUBLE SHOOTING.

The system **HARDWARE TEST PROGRAM** is an operator accessible test facility. Combined with the display messages, it makes trouble shooting a less complicated matter. It contains the following:

1. Build in voltmeter that currently is monitoring the battery supply voltage from the tractor battery.  
The voltmeter will simultaneously display:
  - A. The instantaneous battery voltage (on load and off load)
  - B. The most resent voltage ( lowest voltage ) caused by activating the hydraulics.

Use the MENU – button to locate the below display.

**HARDWARE TEST  
PRESS SET TO ENTER**

DEPRESS



**SUPPLY VOLTAGE 12,5  
LAST DROP 8,3**

DEPRESS ↓ SEVERAL TIMES TO FIND THE DISPLAY

**TEST SWITCHES ACTI-  
VATED: 00000000**

#### 5.RELAY OUTPUT STATUS ( amp pin output. ) :

The relay output status: Indicates which hydraulic valves should be active when any operation is commanded. The operator / serviceman will from this information able to determine whether there's a hydraulic or electrical defect. The status of the output is shown as a "1" for active and a "0" for inactive. The status of the output is shown as the pin number in the AMP connector and the terminal number in the termination box.

Depress the key ↓ several times until the display below is shown.

**HARDWARE TEST  
PRESS SET TO ENTER**

DEPRESS



**SUPPLY VOLTAGE 12,5  
LAST DROP 8,3**

DEPRESS ↓ SEVERAL TIMES TO FIND THE DISPLAY

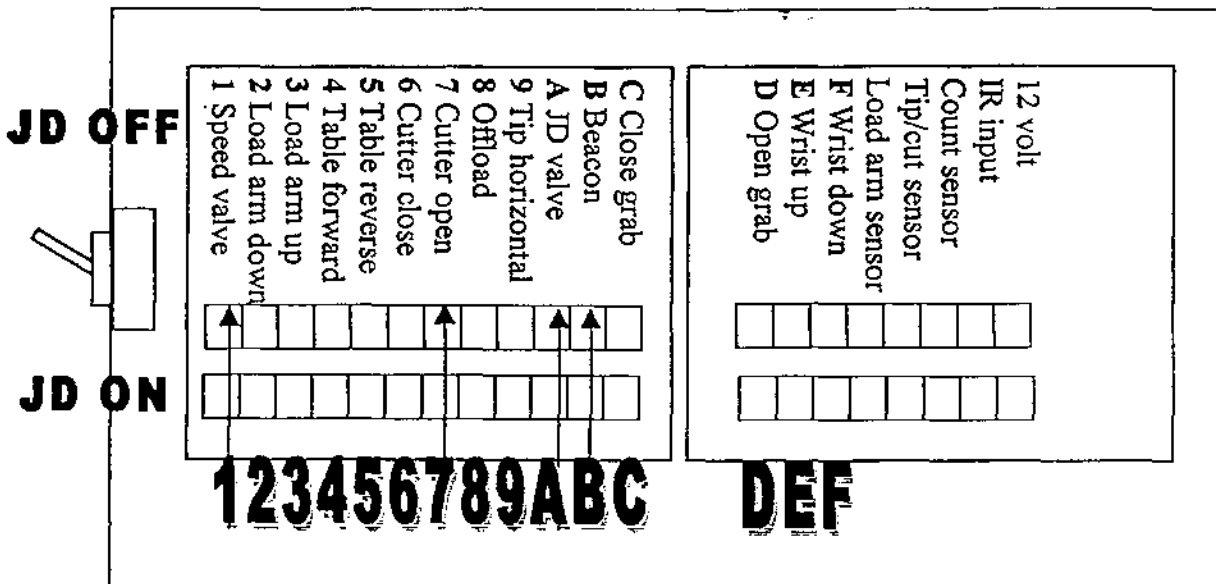
**TEST RELAYS  
1030.0000.0AB0.000**

**TESTING INDIVIDUAL FUNCTIONS.**

When testing a function for example turntable rotate, a number of outputs are activated simultaneously. Also other devices are usually required activated at the same time such as the beacon, JD and the speed valve for all functions except when wrapping slow at the start of the wrapping and when the loading arm is raised or lowered during the wrapping cycle.

<b>FUNCTIONS ACTIVATED ON CONTROL PANEL.</b>	<b>DISPLAYSHOWS ACTIVATED TERMINALS</b> ( terminal 1234.5678.9ABC.DEF )
turn table fast forward	( terminal 1000.0000.0AB0.0000 )
load arm down	( terminal 1200.0000.0AB0.0000 )
load arm up	( terminal 1030.0000.0AB0.0000 )
turn table slow forward	( terminal 0004.0000.0AB0.0000 )
turn table slow reverse	( terminal 0000.5000.0AB0.0000 )
cutter close	( terminal 1000.0600.0AB0.0000 )
cutter open	( terminal 1000.0070.0AB0.0000 )
tip up	( terminal 1000.0008.0AB0.0000 )
tip down	( terminal 1000.0000.9AB0.0000 )
JD/ general valve	( terminal 0000.0000.0X00.0000 )
rotor lamp	( terminal 0000.0000.00X0.0000 )
close grab	( terminal 1000.0000.0ABC.000 )
open grab	( terminal 1000.0000.0AB0.D00 )
wrist up	( terminal 1000.0000.0AB0.0E0 )
wrist down	( terminal 1000.0000.0AB0.00F )

## TERMINATIONS



The cutter open function requires that terminals 1,7,A AND B, present 12-volt on their respective outputs when the function is active. Note that the A terminal is the JD function with an inverted output, meaning that the terminal when inactive presents 12 volt on the terminal and is ground when active.

## THE SENSORS AND THEIR PURPOSES

In the user level the sensor setup section is located, here a defect sensor may be disengaged which otherwise would make it impossible work continue.

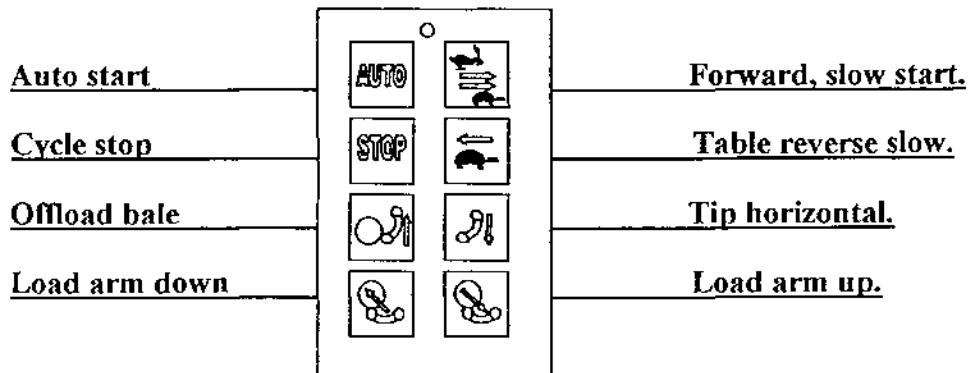
<u>SENSOR NAME</u>	<u>SENSOR FUNCTION</u>
<b>Load arm sensor</b>	Determines when it is safe to load the bale onto the table and commence the wrapping cycle.
<b>turn table sensor, (load and offload positioning )</b>	Determines the correct position of the turntable for loading and offloading. It also counts the number of applied turntable revolutions and monitors the speed of the wrapping cycle.
<b>Film cut sensor</b>	Governs the correct angular position of the table for the cutting the film when offloading the bale.
<b>Infrared sensor.</b>	Wireless operation of the machine. Typical operating distance is 30-meter or more. The rotor-lamp time delay engages automatically when receiving signals from the transmitter and is only active when using this facility
<b>Important. !</b>	The sensors installed on the machine, should under all normal circumstances always be engaged to ensure the safe operation of the machine. The sensor engage / disengage facility is only to be used in case of a sensor defect, enabling the continuous operation.



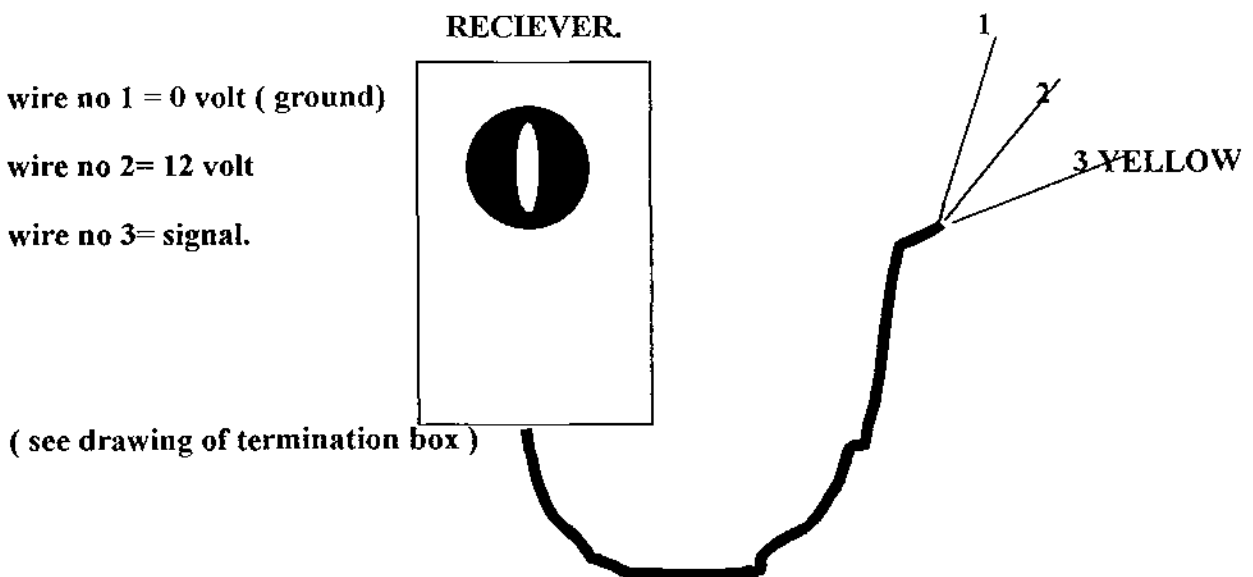
## THE INFRA-RED SYSTEM

The operational radius of the system is typically 30 to 60 meters, depending on whether conditions and the state and type of battery used. Worst situations are early morning sunshine and at sundown, where 20 meters can be expected.

**Further!** Tractors may be equipped with UV filtered windscreens also reducing the radius of the system



**Warning!** The AUTO function on the handset, will start the machine with equal conditions to those, when using the AUTO command on the actual controller panel.



<p>A YES statement will when a bale is located on the load arm with the load arm in the standby position upon a AUTO start command cause the bale to be loaded onto the table and start the wrap cycle</p>	<p>AUTO LOAD BALE WITH LOAD-ARM: NO</p>
<p>Defines the loading position. (3-point linkage or trailed machine.)</p>	<p>ROTATE 90 DEGREES AFTER TIP.</p>
<p>Entering the sensor setup level.</p>	<p>SENSOR SETUP. PRESS SET TO ENTER.</p>
<p>The film cutter will be activated upon signal from this sensor.</p>	<p>CUT NOW SENSOR INSTALLED: YES</p>
<p>Defines if there is a load position sensor installed.</p>	<p>ROTATE LOAD-POSITION SENSOR INCLUDED:NO</p>
<p>In order to achieve automatic loading of the bale a load arm sensor is required installed.</p>	<p>LOAD ARM UP/DOWN SENSOR INCLUDED : YES</p>
<p>Entering the hardware test program.</p>	<p>HARDWARE TEST PRESS SET TO ENTER.</p>
<p>Displays the instantaneous battery supply loaded and off load. The last drop is the lowest voltage supply measured during current surge when activating the hydraulics.</p>	<p>SUPPLY VOLTAGE:xx.xV LAST DROP: xx.xV</p>
<p>Entering the sensor / digital input test facility.</p>	<p>SENSOR (input) TEST. PRESS SET TO ENTER</p>
<p>20:0 MEANS TERMINAL OR PIN NUMBER 10 , 0 MEANS INACTIVE. WHEN ACTIVE THE STATUS CHANGES TO 20 : 1</p>	<p>LOAD ARM DOWN,No: 16:0 CUT /HORIZONTAL, NO.17:0</p>
<p></p>	<p>ROTATE ( TIP).NO.18:0 INFRA RED REC.NO.19:0</p>
<p>Enables the testing of each push button on the control panel.</p>	<p>TEST KEYS PRESSED: XXX.XXX</p>
<p>Enables the testing of each function switch on the control panel.</p>	<p>TEST SWITCHES ACTIVATED:XXXX.XXXX.XX</p>
<p>Enables the testing of each relay output function for the hydraulics on the controller</p>	<p>TEST RELAYS, 0=OF XXXXX.XXXXX.XXXXX (12)</p>
<p>Enables to test the Ir receiver and transmitter functions.</p>	<p>TEST. IR REMOTE CONTROL: 00 00 00 00</p>
<p><b>OPERATOR LEVEL END.</b></p>	<p><b>OPERATOR LEVEL END.</b></p>
<p></p>	<p></p>

## MODE OF OPERATION

### **Automatic Mode:**

1. Ensure turntable is in correct position to accept bale and that film is gripped by the "Cut and Start".
2. Lower bale lift arm, drive alongside, pick up the bale and raise the lift arm.
3. Allow the bale to roll gently onto the turntable so that it is central between the end rollers.
4. Lower the arm clear of the turntable and press the "Auto" button commence wrapping. NOTE: The table must be in the correct position before the "Auto" button is pressed.
5. With the controller in Automatic Mode the turntable will start off for half of one rotation in "Slow Mode" before changing to "Fast Mode". During the final rotation it will change to "Slow Mode" and stop in the correct position so that the film is lined up above the open "Cut and Start". NOTE: The turntable can be moved to left or right to align the "Cut and Start" by using the Forward/Reverse rotate switch on the controller or the buttons on the remote control unit.
6. On the third rotation of the wrap cycle the "Cut and Start" will open automatically.
7. When in a safe position to do so, press the "Tip Up" button, the turntable will tip upwards gathering the film on the "Cut and Start" plunger whilst the pull down arm reduces the film to a rope which is cut as the "Cut and Start" closes, cutting the film and gripping the film end in readiness for the next bale.
8. The tip off sequence is automatic and once the turntable lowers it will rotate forward and stop in position to facilitate loading, if programmed to do so.

## **WARNING: LIFT ARM**

1. The Lift Arm on the trailed machine is designed to pick up and deposit bales onto the turntable prior to wrapping and to raise the machine while empty, to facilitate adjustment of sliding axle. It is not intended to be used for transporting bales over distances or for use as a stabiliser whilst wrapping.

Therefore any use of the lift arm outside its primary function will be deemed to be abuse and will void all warranty.

2. Before raising loading arm ensure that turntable is in correct position for loading bales so that loading arm will not foul it.

Failure to observe this warning will lead to failure of turntable centre bearing and/or turntable 4" support wheels., which will not be covered by warranty.

## SERVICE AND MAINTENANCE.

- 1: All nuts and bolts should be tightened after one hour 's use and thereafter regularly.
- 2: Wheel pressure should be normally kept at 42 psi depending on bale weight and field conditions.
- 3: Inspect moving parts for wear on daily basis.
- 4: Lubrication.

Drive chain and sprocket	Grease every 24 hours
Main rollers	Grease every 24 hours
Hinge pins on Lift Arm	Grease every 24 hours
Hinge pins on main tip frame	Grease every 24 hours
Hydraulic rams	Grease every 24 hours
Film spool assy	Grease every 24 hours
Dispenser gearboxes	See 6.
Main spindle	Grease even 4000 - 5000 bales.

5: Adjustments.

Turntable Drive chain:	Adjust after first days work then check/adjust every 50 hours. See Fig. 8
Gearbox Drive chain:	Adjust after first days work then check/adjust every 50 hours. See Fig. 2
Roller Drive chain:	Adjust after first days work then check/adjust every 50 hours. See Fig. 3
Main Bale Belt:	See belt tracking instructions.

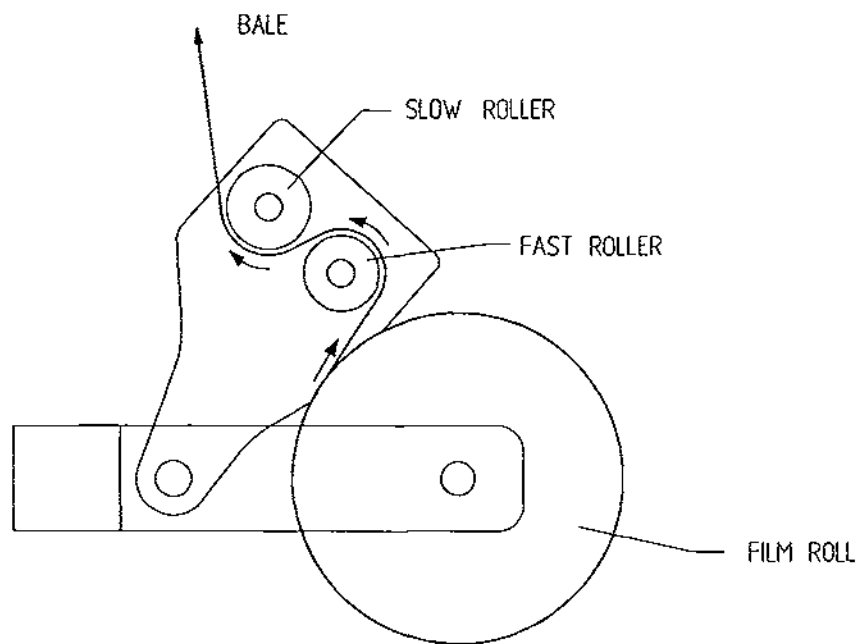
6: Film Dispenser.

Apply P.T.F.E based grease to gears every 2 to 3 months.

7: Film Adjustment.

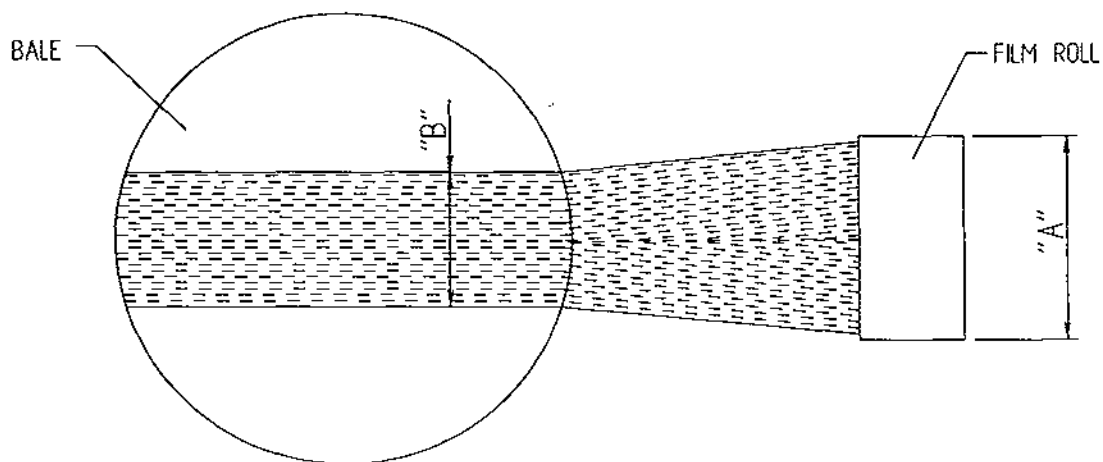
Centre of film roll must be in line with centre of bale and film mast should be vertical.

# TANCO AUTOWRAP FILM THREADING DIAGRAM



## FILM ADJUSTMENT

CENTRE OF FILM ROLL MUST BE IN LINE WITH CENTRE OF BALE AND MAST SHOULD BE VERTICAL.



FILM ROLL WIDTH "A"	FILM WIDTH ON END OF BALE "B"
500 mm	400 mm
750 mm	600 mm

Fig. 1

FILE NAME W060-LA21

# TANCO AUTOWRAP TURNTABLE CHAIN DRIVE TENSIONING SYSTEM

## TENSIONING PROCEDURE

1. TIP UP MACHINE AND SUPPORT WITH A PROP.
2. REMOVE CHAIN GUARD.
3. SLACKEN M12 CLAMPING BOLTS SLIGHTLY.
4. SLACKEN LOCKNUT A.
5. ADJUST NUT B UNTIL THERE IS 8mm - 10mm DEFLECTION ON CHAIN.

NOTE WARNING:  
DO NOT OVER TENSION CHAIN AS MOTOR WILL BE DAMAGED

6. TIGHTEN LOCKNUT A.
7. TIGHTEN M12 CLAMPING BOLTS.
8. REFIT CHAIN GUARD.

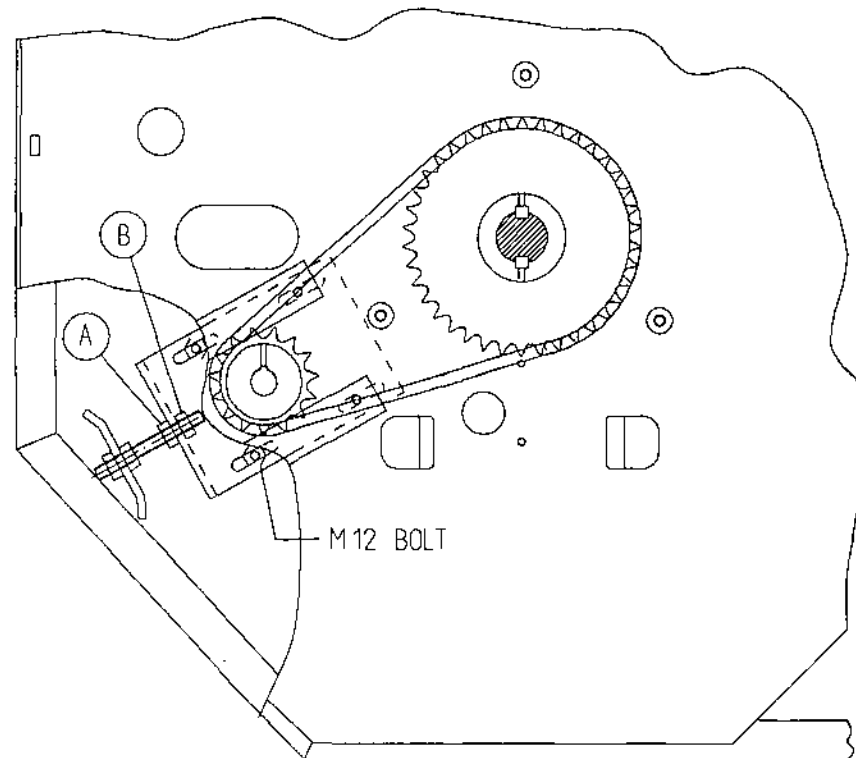
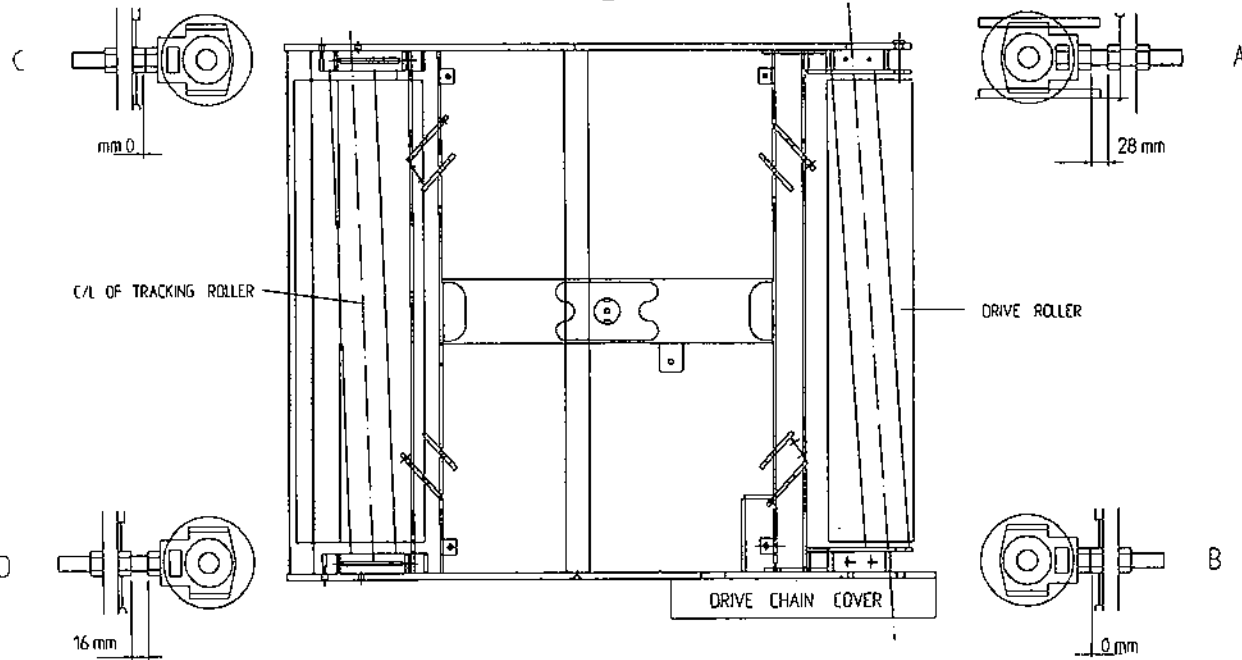
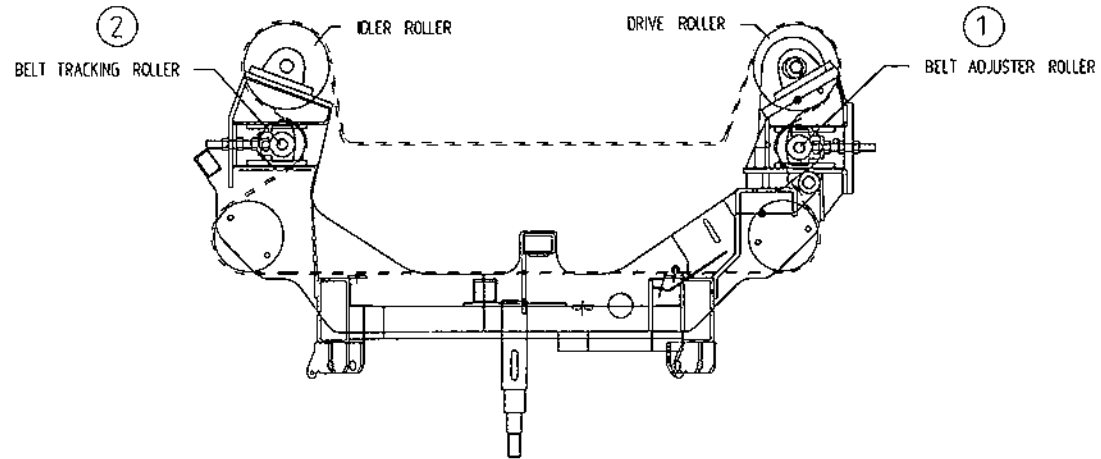


Fig. 8

FILE NAME WD64-LA2

# 1080 AUTOWRAP BALE BELT TRACKING

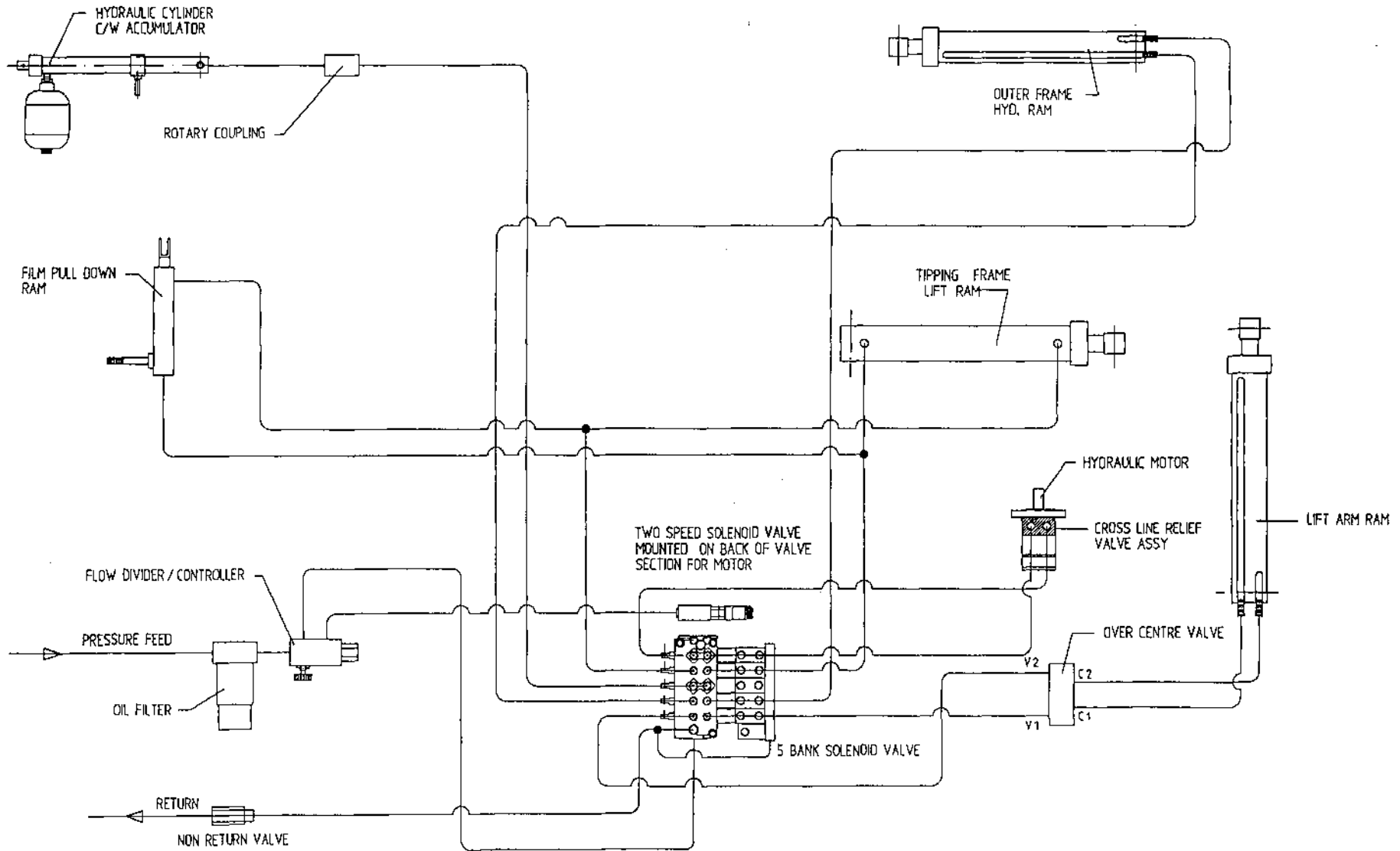


B.T.1

FILE NAME 9228 A



# TANCO AUTOWRAP 1080 A MODEL HYDRAULIC CIRCUIT DIAGRAM



FILE NAME W080-HC46

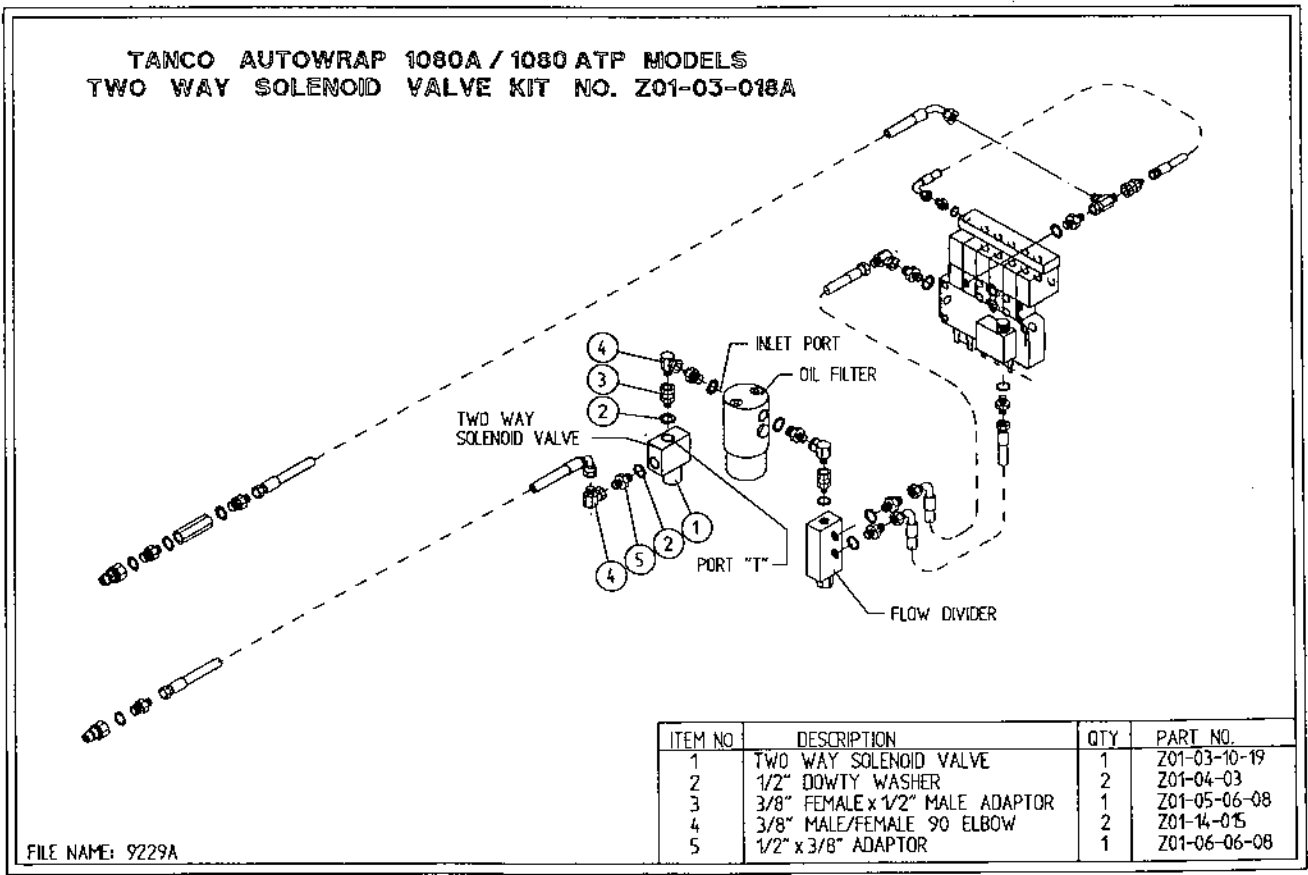
**TANCO AUTOWRAP 1080-A MODEL  
HYDRAULIC COMPONENTS  
PARTS LIST**

ITEM NO.	DESCRIPTION	QTY	PART NO
1	5 BANK SOLENOID VALVE	1	Z01-03-A1070
2	HYDRAULIC MOTOR C.L.	1	Z01-02-RF200
3	CROSS LINE RELIEF VALVE	1	Z01-03-004
4	1/2" B.S.P. BOTTOM BANJO BOLT (SPECIAL)	2	Z01-03-002B
5	HYDRULIC RAM (TIPPING FRAME)	1	Z01-01-AR687
5A	SEAL KIT FOR ABOVE HYD. RAM	1	Z01-Z01
6	1/2" DOWTY WASHER	11	Z01-04-03
7	1/2" NON RETURN VALVE	1	Z01-03-017
8	1/2" x 3/8" ADAPTOR	4	Z01-06-06-08
9	1/2" x 1/2" ADAPTOR	3	Z01-06-08-08
10	1/2" MALE END Q/R COUPLING	2	Z01-15-081
11	HYD. RAM (FOR LIFT ARM)	1	Z01-01-AW
11A	SEAL KIT FOR ABOVE HYD. RAM	1	Z01-Y01
12	108" ST/90 3/8" D/W HOSE	2	Z38-R2-108-S9
13	72" ST/90 3/8" D/W HOSE	3	Z38-R2-72-S9
14	84" ST/90 3/8" D/W HOSE	1	Z38-R2-84-S9
15	24" ST/90 3/8" D/W HOSE	2	Z38-R2-24-S9
16	36" ST/90 3/8" D/W HOSE	1	Z38-R2-36-S9
17	12" ST/90 3/8" D/W HOSE	1	Z38-R2-12-S9
19	48" ST/90 3/8" D/W HOSE	1	Z38-R2-48-S9
20	FILTER	1	Z01-24-08
20A	FILTER ELEMENT	1	Z01-24-08E
21	3/8" x 3/8" ADAPTOR FITTED WITH 0.06" RESTRICTO	1	Z01-03-40
22	12" ST/90 3/8" D/W HOSE	2	Z38-R2-12-S9
23	108"ST/90 1/2" D/W HOSE	2	ZI 2-R2-108-S9
24	HYD RAM D/A (PULL DOWN ARM)	1	Z01-01-AW25
24A	SEAL KIT FOR ABOVE HYD. RAM	1	Z01-AW25
25	1/4" DOWTY WASHER	1	Z01-04-01
26	1/4" x 3/8" ADAPTOR	1	Z01-06-04-06
27	3/8" MALE x 3/8" FEMALE ADAPTOR	2	Z01-05-06-06
28	3/8" MALE/FEMALE 90 ELBOW	2	Z01-14-015
29	IN LINE FLOW DIVIDER	1	Z01-03-10-A7W
30	3/8" DOWTY WASHER	18	Z01-04-02
31	3/8" x 3/8" ADAPTOR	16	Z01-06-06-06
33	OVER CENTRE VALVE	1	Z01 -03-1 0-A8
35	COPPER WASHER	2	Z01 -04-15
37	3/8" BULKHEAD ADAPTOR	1	Z01 -06-05-06
39	96" ST/90 3/8" HOSE	2	Z38-R2-96-S9
40	48" ST/ST 3/8" D/W HOSE	4	Z38-R2-48-SS
41	14" ST/90 3/8" D/W HOSE	2	Z38-R2-14-S9
42	HYD RAM (FOR SQUEEZ ARM)	1	Z01-01-AW1070
42A	SEAL KIT FOR ABOVE HYD. RAM	1	Z01-Y01
43	CUT AND START RAM	1	Z01-01-AWH9
43A	SEAL KIT FOR ABOVE HYD. RAM	1	Z01-AWH
44	ROTARY COUPLING	1	Z01-02-AWR
45	3/8" BANJO COUPLING	1	Z01-19-062
46	3/8" SINGLE TOP BANJO BOLT	1	Z01-20-062
47	3/8" MALE x 3/8" MALE x 3/8" FEMALE 'T' PIECE	2	Z01-12-002
48	1/2" MALE x 1/2" FEMALE 90 ELBOW	1	Z01-14-016
49	3/8" MALE x 1/2" FEMALE ADAPTOR	1	Z01-05-06-08

**INSTRUCTION FOR FITTING TWO WAY SOLENOID VALVE CLOSED CENTRE CONVERSION KIT TO TANCO AUTOWRAP 1080A / 1080ATP MODELS.**

**REQUIRED WHEN OPERATING MACHINES ON TRACTORS WITH CLOSED CENTRE HYDRAULIC SYSTEMS.**

1. Disconnect S1/19'm hose from inlet port on oil filter.
2. Connect port "T" on solenoid valve assembly to inlet port on oil filter.
3. Reconnect S1/90 hose to port "P" on solenoid valve.
4. Connect 2 pin female connector to existing 2 pin connector at junction box.
5. Change the seventh controller function setting from n to J. See instruction manual for further information.



## TANCO AUTOWRAP 1080 MODEL CONSTANT INDEXING DRIVE ASSEMBLY

### PARTS LIST

ITEM NO.	DESCRIPTION	QTY	PART NO.
1	TURNABLE ASSY	1	WD90-TA
2	TIPPING FRAME ASSY	1	WD67-TF
3	DRIVE ROLLER ASSY	1	WD610-BRD1
4	GEAR BOX	1	Z01-25-300
4A	GEAR BOX SEAL KIT	1	Z01-25-300S
5	M12 HEX SET X 30mm LONG	4	Z26-082S
6	12 mm DIA SPRING WASHER	7	Z12-02-12
7	CHAIN TENSIONER	2	WD60-CT
8	CENTRE SPROCKET ASSY 27 TOOTH	1	WD64-CSA
9	M12 HEX HD SET X 25 mm LONG	3	Z26-081S
10	46 TOOTH SPROCKET	1	Z06-D64-46S
11	M10 HEX HD SET X 25 mm LONG	1	Z25-0611S
12	10 mm DIA SPRING WASHER	8	Z12-02-01
13	RETAINING COLLAR	4	WD623-071
14	CHAIN 3/4" PITCH X 101 PITCHES	1	Z09-AW-56
15	ROSTA TENSIONING UNIT ARM	1	Z06-454
16	SPROCKET	1	Z06-D610-1620
17	M10 HEX MD BOLT X 65 mm LONG	1	Z26-0671B
18	SPROCKET	1	Z06-D610-20K
19	M10 LOCKNUT	1	Z23-10
20	CHAIN 3/4" PITCH X 50 PITCHES	1	Z09-AW-52
21	CHAIN 3/4" PITCH X 75 PITCHES	1	Z09-AW-75
22	CHAIN STRIPPER	1	WD90-060
23	M10 HEX NUT	2	Z18-10
24	10 mm DIA FLAT WASHER	6	Z10-02-10
25	M10 HEX MD SET X 30 mm LONG	3	Z26-062S
26	KEY 12 mm X 10 mm X 55 mm LONG	1	WD610-198
27	M10 CUP SQ. SCREW X 30 mm LONG	1	Z13-112
28	M10 HEX HD BOLT X 80 mm LONG	1	Z26-00691B
29	CHAIN GUARD (SMALL)	1	WD90-CGS
30	CHAIN GUARD (LARGE)	1	WD90-044
31	M10 HEX HD SET X 25 mm LONG (TUFLOCK)	3	Z26-061S
32	SPROCKET/BRACKET PIVOT SHAFT	1	WD610-71
33	1" UNC LOCKNUT	1	Z23-251
34	1" DIA H/D FLAT WASHER	2	Z10-02-25
35	LOCKING PLATE	2	WD623-060
36	SPIRAL PIN	2	Z03-23-062
37	SPROCKET	1	Z06-D65-1316S
38	M6 GRUB SCREW	2	Z28-006
39	CHAIN TENSIONER BRACKET	1	WD610-CTB1
40	CHAIN TENSIONER BLOCK ASSY INNER	1	WD610-TBI1
41	CHAIN TENSIONER BLOCK ASSY OUTER	1	WD610-TB01
42	SPRING 14.5mm O.Dx1.6mm WIREx60mm LONG	1	Z07-48
43	M10 HEX HD SET X 40 mm LONG	1	Z26-064S
44	OILITE BUSH	2	Z06-106
45	M10.9 X 30 mm SETS	2	Z26-062SB
46	MAGNET	2	ZLY-MG
47	M4 CSK HD SET X 30 mm LONG	2	Z13-5-04X30
48	6mm DIA FLAT WASHER (MUD FLAP)	2	Z11-02-061
49	M4 LOCKNUT	2	Z23-04
50	4 mm DIA FELT WASHER	2	Z10-03-04

## TANCO AUTOWRAP 1080 MODELS PARTS LIST

ITEM NO.	DESCRIPTION	QTY	PART NO.
1	CHASIS ASSY	1	WD67-CHA
2	STUB AXLE (LONG)	1	Z04-0336
3	WHEELS	2	Z04-04-1070
4	WHEEL NUTS	10	M22AWNA
5	BISSEL PIN	1	WD60-861
6	M10 HEX NUT	3	Z18-10
7	HYD RAM	1	Z01-01-AR687
8	RAM BOTTOM PIVOT PIN	1	Z03-02-330
9	RAM TOP PIVOT PIN	1	Z03-03-50
10	2" x 1/4" SPLIT PIN	2	Z03-21-29
11	TIPPING FRAME ASSY	1	WD67-TF
12	TIPPING FRAME PIVOT PIN c/w GREASE NIP	2	Z03-01-9055
13	BELT GUIDE ASSEMBLY	1	WD610-BG1
14	BELT GUIDE ASSEMBLY	1	WD610-BG2
15	INNER BEARING	2	M22AB-209
16	SCREW JACK ASSEMBLY (WELD ON)	1	WD60-JA
17	M8 HEX HD SETS x 20mm LONG	4	Z26-039S
18	M8 HEX NUTS	14	Z18-08
19	8mm DIA FLAT WASHERS (MUD FLAP)	8	Z11-02-081
20	8mm DIA SPRING WASHERS	12	Z12-02-08
21	SCRAPER	2	WD60-711
22	STUB AXLE SHORT	1	Z04-032
23	4mm "R" CLIP	1	Z36-02
24	RING HITCH ASSY (LONG)	1	WD65-HIT
25	M16 HEX HD SET x 25mm LONG	4	Z26-124S
26	M16 LOCKNUTS	4	Z23-16
27	M10 HEX HD SET x 25mm LONG	2	Z26-060S
28	10mm DIA MACHINED FLAT WASHER	2	Z11-02-10
29	TURN TABLE ASSY	1	WD90-TA
30	10mm DIA SPRING WASHERS	5	Z12-02-10
31	SUPPORT WHEELS 4"	4	Z06-466W
32	AXLE ASSY C/W GREASE NIPPLE	4	Z03-22-AW/AX
33	M20 LOCKNUTS	4	Z23-20
34	TURN TABLE COVER PLATE	1	WD60-093
35	SPACER	8	WD60-198
36	OUTER BEARING	2	M22AB-206
37	FILM TRANSPORT BRACKET	1	WD60-FTB1
38	CLAMPING PLATE	1	WD60-933
39	M10 HEX HD BOLT x 140mm LONG	3	Z26-0726B
40	PLASTIC CAP	2	Z32-08
41	M10 HEX HD BOLT x 80mm LONG	1	Z26-0691B
42	M10 LOCKNUT	1	Z23-10
43	END ROLLER MOUNTING BRACKET	2	WD90-RMB
44	END ROLLER SHAFT ASSY	4	WD610-RSA
45	10mm DIA "D" LINCH PIN	6	Z38-03
46	SIDE ROLLER	4	Z06-AWR
47	BEARING 25mm I.D	4	Z06-AWRB-93
48	THRUST WASHER	4	WD60-292
49	PLASTIC CAP	4	Z06-AWRC
50	CIRCLIP	4	Z28-525

**TANCO AUTOWRAP  
TURNTABLE CHAIN DRIVE ASSEMBLY**

**PARTS LIST**

ITEM NO	DESCRIPTION	QTY	PAPT NO
1	TIPPING FRAME ASSY	1	WD67-TF
2	38 TOOTH x 1" PITCH SPROCKET	1	Z06-D64-38
3	CHAIN 1" PITCH x 54 PITCHES	1	Z09-AW6
4	SPINDLE SPACER	1	WD64-040
5	KEY 5/8" SQ x 50mm LONG	2	WD64-052
6	15 TOOTH x 1" PITCH SPROCKET	1	Z06-160-046
7	KEY 5/16" SQ x 45mm LONG	1	WD64-053.
8	LOCKING COLLAR	1	WD623-071
9	10mm DIA SPRING WASHER	1	Z12-02-10
10	3/8" UNC HEX HD SET x 1" LONG	1	Z27-023S
11	2" DIA FLANGE BEARING C/W CAM LOCK COLLAR	1	Z06-49EC
12	5/8" UNF HEX HD SET x 2" LONG	4	Z31B-064
13	5/8" UNF LOCKNUT	4	Z20-10
14	HYDRAULIC MOTOR	1	Z01-02-RF200
15	HYDRAULIC MOTOR MOUNTING PLATE	1	WD64-001
16	M12 x 50mm ALLEN HD O/S SCREW	4	Z13-5-12X50
17	M12 HEX HD SET x 30mm LONG	4	Z26-082S
18	12mm DIA SPRING WASHER	4	Z12~02-12
19	12mm DIA FLAT WASHER	4	Z10-02-12
20	M16 THREADED BAR x 150mm LONG	1	WD64-038
21	M16 HEX NUT	4	Z18-16
22	SPACER	1	Wi60-093
23	M12 LOCKNUTS	4	Z23-12
24	M12 HEX HD SET x 50mm LONG	2	Z26-086S
25	DRIVE CHAIN GUARD	2	WD66-DCG
26	M12 HEX NUT	2	Z18-12
27	M6 HEX NUT	1	Z18-06
28	M6 90 DEGREE GREASE NIPPLE	1	Z39-65
29	M12 GRUB SCREW x 16mm LONG	2	Z28-012

**TANCO AUTOWRAP 1080 MODELS  
BALE BELT ROLLER MOUNTING BRACKETS  
PARTS LIST**

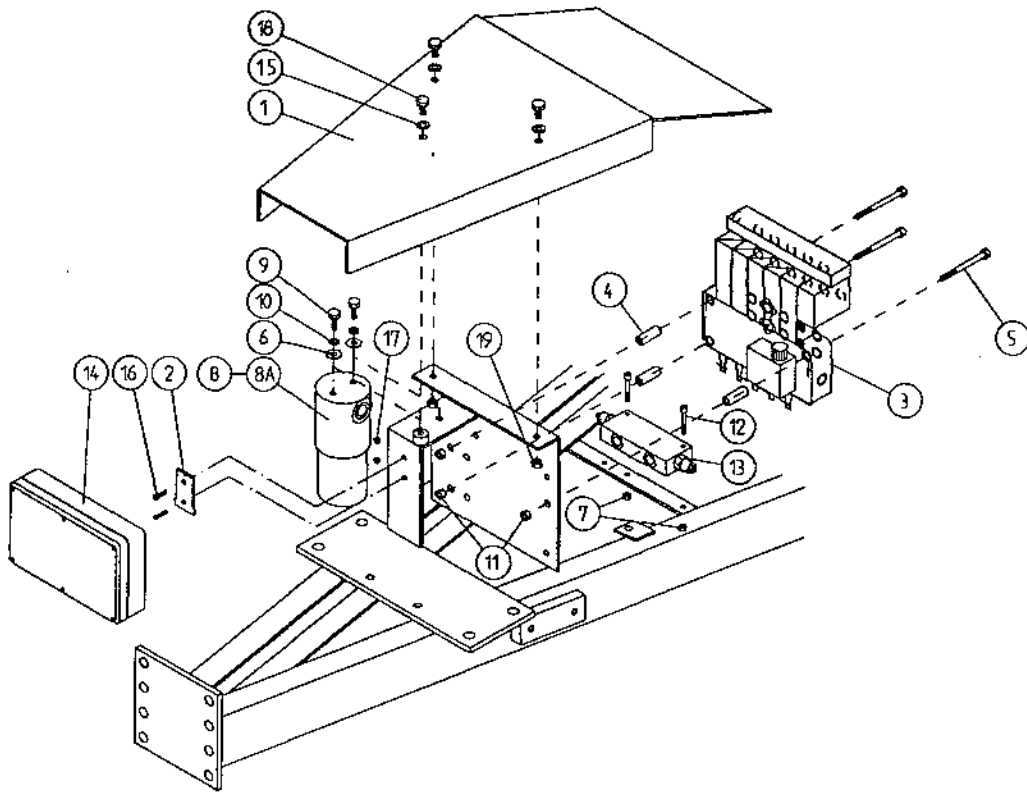
ITEM NO.	DESCRIPTION	QTY	PART NO.
1	TURNTABLE ASSY	1	WD90-TA
2	ROLLER MOUNTING BRACKET (SWIVEL)	1	WD610-RMS1
3	M20 THREADED BAR x 105mm LONG	1	WD610-113
4	40mm DIA PILLOW BLOCK BEARING	2	Z06-48EC-40
5	M12 x 45mm SETS	6	Z26-085S
6	M12 LOCKNUTS	8	Z23-12
7	BIG ROLLER ASSY (DRIVE)	1	WD610-BRD1
8	BIG ROLLER ASSY (IDLER)	1	WD610-BRI
9	ROLLER ASSY (IDLER)	2	WD65-BRI
10	TRACKING ROLLER ASSY (LONG)	2	WD610-TRL
11	1 1/4" PILLOW BLOCK BEARING	2	Z06-485
12	M14 HEX HD SET x 45mm LONG	8	Z26-103S
13	14mm DIA FLAT WASHER	16	Z11-02-14
14	14mm DIA SPRING WASHER	16	Z12-02-14
15	SLIDING BEARING	4	Z06-47ST
16	M20 THREADED BAR x 135mm LONG	3	WD610-77
17	M20 HEX NUTS	16	Z18-20
18	12mm DIA SPRING WASHER	12	Z12-02-12
19	12mm DIA FLAT WASHER	8	Z11-02-10
21	SWIVEL BRACKET PIVOT PIN J-50	1	Z03-03-50
22	2" x 1/4" SPLIT PIN	1	Z03-21-29
23	RETAINING PLATE	2	WD610-30
24	M12 HEX HD SETS x 40mm	4	Z26-084S
25	M12 HEX NUTS	6	Z18-12
26	BUFFER 50mm DIA x 42mm LONG	4	Z40-23
27	BALE BELT 1130mm WIDE X 4470mm LONG	1	Z05-02AWV1-93
28	1 1/4" FLANGE BEARING 2 HOLE	4	WD610-CSM
29	M14 HEX NUTS	8	Z18-14

**TANCO AUTOWRAP 1080A/1080ATP MODELS  
FILM DISPENSING SYSTEM  
PARTS LIST**

ITEM NO:	DESCRIPTION:	QTY:	PART NO:
1	INNER ROLLER ASSY	1	D617-IRA1
2	OUTER ROLLER ASSY	1	D617-ORA
3	60 T GEAR	1	D617-G60
4	6mm SQ. KEY STEEL x 20mm LONG	2	WD67-KS20
5	39T GEAR 55% STRETCH	1	D617-G39
5A	35T GEAR 70% STRETCH	1	D617-G35
6	DISPENSER MAST	1	WD617-DM
7	M16 HEX NUT	8	Z18-16
8	16MM SPRING WASHER	8	Z12-02-16
9	80MM M16 'U' BOLTS	4	Z35-52
10	DISPENSER MAST MOUNTING BRACKET	1	WD67-DMM
11	3/4" x 10mm SPACER	2	D617-026
12	RHP SLF20A BEARING	4	Z06-17
13	FILM DISPENSER MAIN FRAME	1	WD617-FDMS
14	PIVOT PIN	1	WD617-PP1
15	TOP CONE	1	WD90-012
16	CIRCLIP	2	Z28-525
17	FILM SPOOL LOWER	1	WD617-013
18	BOTTOM CONE	1	WD90-013
19	SPRING	1	Z07-07
20	PLASTIC CAP 1 1/4" DIA	1	Z39-60
21	BEARING	1	Z06-AWRB
22	M16 LOCKNUT	2	Z23-16
23	1/4" X 2" SPLIT PIN	2	Z01-23-29
24	16mm DIA FLAT WASHER	2	Z10-02-16
25	HYDRAULIC RAM (PULL DOWN)	1	Z01-01-AW25
26	1" G.B. PLASTIC CAP	1	Z32-14
27	M12 X 50 HEX SET	1	Z26-086S
28	M12 LOCKNUT	1	Z23-12
29	12mm DIA FLAT WASHER	1	Z12-02-12
30	FILM PULL DOWN ARM ASSEMBLY	1	WD617-FPDA
31	RETAINING WASHER	1	WD60-859
32	ROLLER	1	WD60-866
33	1" DIA FLAT WASHETR	1	Z10-02-30
34	6mm "R" CLIP	1	Z36-03
35	PLATED COLLAR	1	WD617-025
36	TORSION SPRING	1	Z07-04
37	M8 LOCKNUT	2	Z23-06
38	DISPENSER GEARBOX COVER	1	WD617-GC1
39	20mm EXTERNAL CIRCLIP	2	Z28-520
40	M6 LOCKNUT	2	Z23-06
41	PLATE LATCH	1	WD617-019
42	PLASTIC HAND GRIP	1	Z32-16
43	M10 x 25mm SET	2	Z26-0611S
44	M20 x 2.5mm PITCH LOCKNUT	1	Z23-20
45	10mm DIA SPRING WASHER	2	Z12-02-10
46	M10 HEX NUT	1	Z18-10
47	M8 x 20mm HEX SET	8	Z26-039S



**TANCO AUTOWRAP 1080 A MODEL  
VALVE JUNCTION BOX FILTER & DIVERTER VALVE MOUNTING  
BRACKET ASSEMBLY**



ITEM NO:	DESCRIPTION:	QTY:	PART NO:
1	VALVE COVER PLATE ASSY	1	WD75-VCP
2	JUNCTION BOX MOUNTING BRACKET	1	ZLY-BRK
3	5 BANK SOLENOID VALVE	1	Z01-03-A550
4	SPACER FOR VALVE	3	WD67-100
5	M8 x 100 HEX SET	3	Z26-057S
6	8mm DIA MUD FLAP WASHER	2	Z11-02-081
7	M6 LOCKNUT (NYLOCK)	2	Z32-06
8	OIL FILTER	1	Z01-24-08
8A	OIL FILTER ELEMENT	1	Z01-24-08E
9	M8 HEX HD SET x 25MM	2	Z26-040S
10	8mm DIA SPRING WASHER	2	Z12-02-08
11	M8 LOCKNUTS	3	Z23-08
12	M6 ALLEN HD SOCKET SCREW x 45mm	2	Z13-020-50
13	OVER-CENTRE VALVE	1	Z01-03-10-A8
14	JUNCTION BOX	1	ZLY-1080A
15	10mm DIA FLAT WASHER	3	Z12-02-10
16	M4 CSK SOCKET SCREW x 20mm	2	ZLY-S
17	M4 LOCKNUT	2	Z23-04
18	M10 x 20 HEX SET	3	Z26-060S
19	M10 HEX NUT	2	Z18-10

**TANCO AUTOWRAP 1080A MODEL  
LIFT ARM ASSY  
PARTS LIST**

ITEM NO.	DESCRIPTION	QTY	PART-NO
1	CHASSIS ASSY	1	WD67-CHA
2	INNER ARM ASSY	1	WD75-LAI
3	OUTER ARM ASSY	1	WD75-LAO
4	SAFETY SUPPORT ARM	1	WD60-319
5	BALE STOP ASSY	1	WD610-LAS1
6	HYDRAULIC RAM (MAIN ARM)	1	Z01-01-AW107
7	RAM BOTTOM PIVOT PIN	2	Z03-02-330
8	RAM TOP PIVOT PIN	1	Z03-D66-90
9	M 10 HEX HD. SET x 20mm LONG	3	Z26-060ST
10	10mm DIA SPRING WASHER	5	Z1 2-02-10
11	10mm DIA FLAT WASHER	3	Z11-02-10
12	BUFFER 50mm DIA x 40mm LONG	2	Z40-20
13	M10 HEX NUT	2	Z1 8-10
14	1/4" DIA SPLIT PIN x 2' LONG	4	Z03-21-29
15	MAIN FRAME PIVOT PIN CIW GREASE NIPPLE	2	Z03-01-905
16	HYDRAULIC RAM (OUTER FRAME)	1	Z01-01-140S
17	RAM TOP/BOTTOM PIVOT PIN	2	Z03-D66-145
18	BALE STOP RETAINING PIN	1	Z03-04-73
19	7/16" DIA LINCH PIN	1	Z03-22-06

WD64-PL25

TANCO AUTOWRAP

HYDRAULIC BALE RAMP

ITEM	DESCRIPTION:	QTY:	PART NO:
1	HYDRAULIC BALE RAMP ASSY	1	WD65-HBRF
2	RAMP MAIN PIVOT PIN C/W GREASE NIPPLE	2	Z03-01-905
3	M10 HEX HD SET X 20mm LONG TUFLOCK	2	Z26-060ST
4	10MM DIA MACHINED FLAT WASHER	2	Z11-02-10
5	10MM DIA SPRING WASHER	12	Z12-02-10
6	BALE MAT	1	Z05-02-BRH
7	M10 X 30MM LONG CUP HD.SQ BOLTS	5	Z13-112
8	M10 HEX NUTS	5	Z18-10
9	HYDRAULIC RAM C/W ACCUMULATOR	1	Z01-01-AWD
10	SPAREX PIN	1	Z03-04-74
11	SPAREX PIN	1	Z03-04-73
12	7/16 DIA LINCH PIN	2	Z03-22-06
13	ACCUMULATOR MOUNTING PLATE	1	WD65-AMP
14	CLAMPING PLATE	1	WD65-231
15	M8 HEX HD BOLT X 80MM LONG	4	Z26-050B
16	M8 LOCKNUT	4	Z23-08
17	M28 X 1.5 PITCH HEX NUT	1	Z18-28

**TANCO AUTOWRAP  
HYDRAULIC CUT & START UNIT  
PARTS LIST**

<b>ITEM NO.</b>	<b>DESCRIPTION</b>	<b>QTY</b>	<b>PART NO.</b>
1	HYDRAULIC CUT & START MAIN FRAME	1	WD605H-MF1
2	M10 X 25 HEX SET	1	Z26-061S
3	LOCKING COLLAR	1	WD623-071
4	GRIPPER ROD	1	WD605H-13
5	M6 X 25 HEX SET	1	Z26-040S
6	BLADE	1	WD605-104
7	SPRING	1	Z07-49
8	GRIPPER PAD (RUBBER)	1	Z40-28
9	GRIPPER PAD	1	WD605H-15
10	M8 X 10 GRUB SCREW	1	Z28-008
11	M14 HEX NUT	3	Z18-14
12	14mm SPRING WASHER	2	Z12-02-14
13	CUT & START HYDRAULIC RAM ACCUM	1	Z01-01-AWH
14	8mm FLAT WASHER	2	Z11-02-08
15	M8 LOCKNUT	2	Z23-08
16	M10 LOCKNUT	4	Z23-010
17	M10 X 75 HEX BOLT	4	Z26-069B
18	10mm DIA SPRING WASHER	1	Z12-02-10

TANCO AUTOWRAP

TURNTABLE LOCKING ARRANGEMENT

PARTS LIST

ITEM	DESCRIPTION	QTY	PART NO
1	UNDERSIDE OF TIPPING FRAME	1	WD67-TF
2	TURNTABLE CENTRE SHAFT	1	WD64-002
3	SPINDLE SPACER	1	WD67-SS
4	1 1/4" UNC HEX NUT	1	Z18-300
5	M8 GRUB SCREW X 6MM LONG	1	Z28-007

