

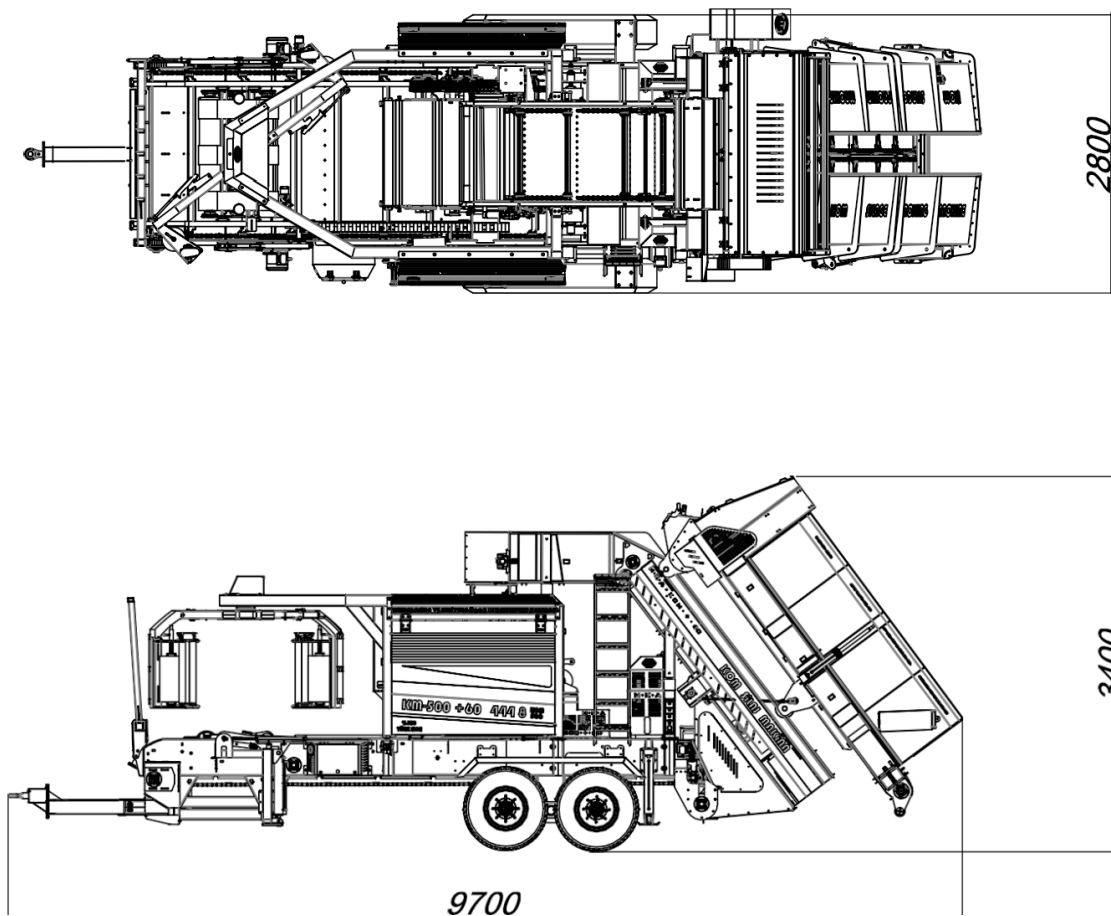
USER'S GUIDE

CLASS 1: VERSION KM 1000-1200

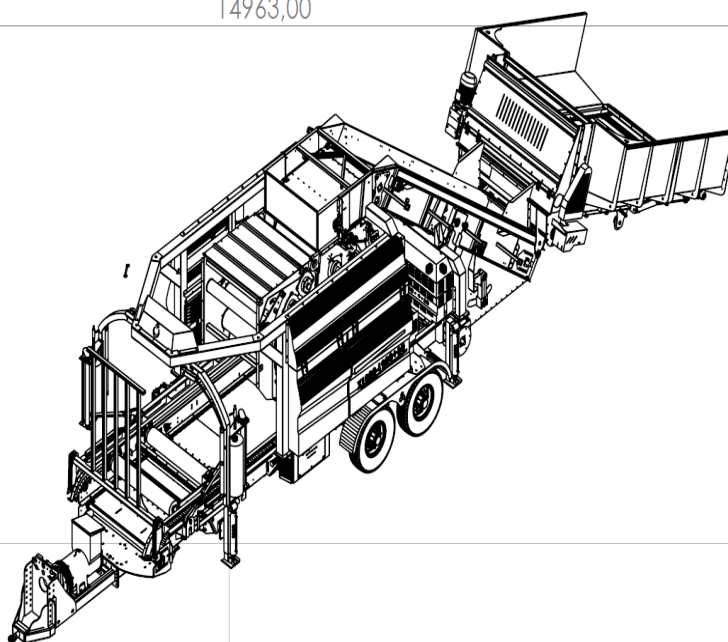
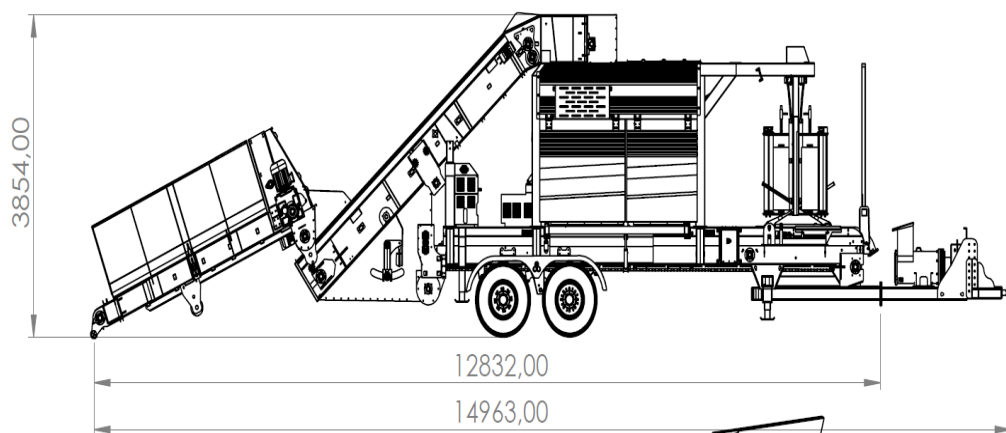
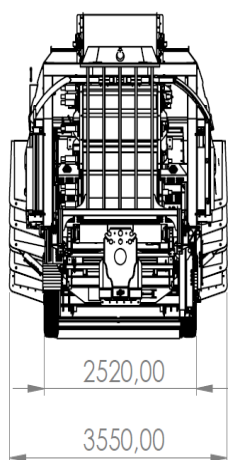
KM 1000-1200 +60 SILAGE PACKAGING MACHINE



TOW ROAD CONDITION MEASURES



WORKING CONDITION MESURES



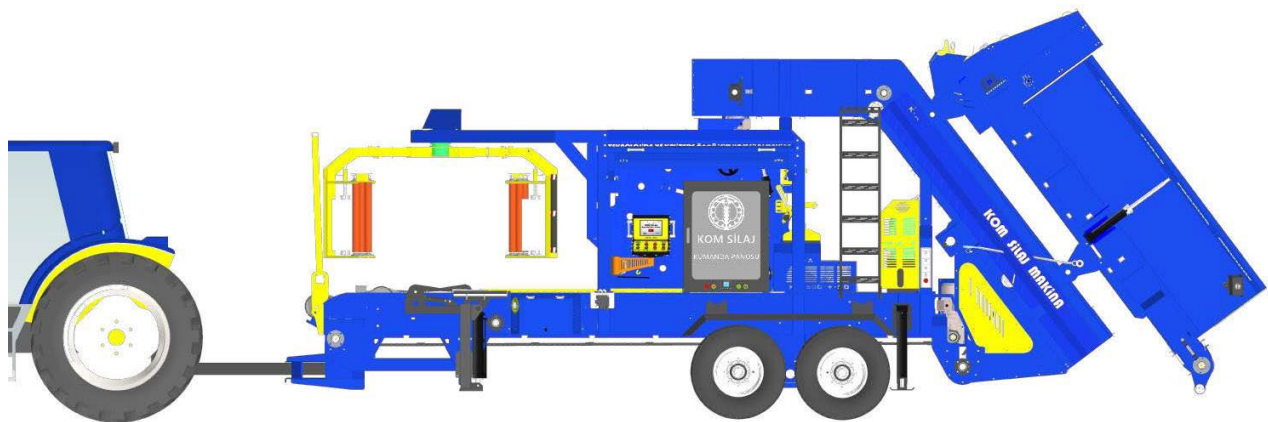
PARKED ON THE FIELD

- 1- THE OPERATOR BRINGS THE MACHINE TO PARK STATUS.
- 2- THE PANEL COVER OF THE MACHINE IS OPEN.
- 3- ELECTRIC (3*25+16) CABLE CONNECTION.
- 4- THE MAIN SWITCH OF THE MACHINE IS TURNED ON.
- 5- THE LANGUAGE PAGE OPENS TO THE TOUCH PANEL.



PARKED ON THE FIELD

- 1- THE SWITCH ON THE TOUCH PANEL IS MANUAL.
- 2- PRESS THE BUTTON WRITTEN MANUAL FROM THE HOME PAGE.
- 3- THE MANUAL PAGE HAS APPEARED.
- 4- PRESS THE HYDRAULIC MOTOR BUTTON ON THE SCREEN.
- 5- WITH THE ELECTRIC CONTROL HANDLE, THE MACHINE IS SUSPENDED WITH (4) BALANCE SUPPORT FEET.
- 6- THE REAR REFLECTOR OF THE MACHINE IS CLOSED



3- MANUAL PAGE

6- MACHINE'S REAR REFLECTOR

2- TOUCH SCREEN THE HOME PAGE

5- ELECTRIC CONTROL HANDLE



4- ELECTRIC CONTROL HANDLE



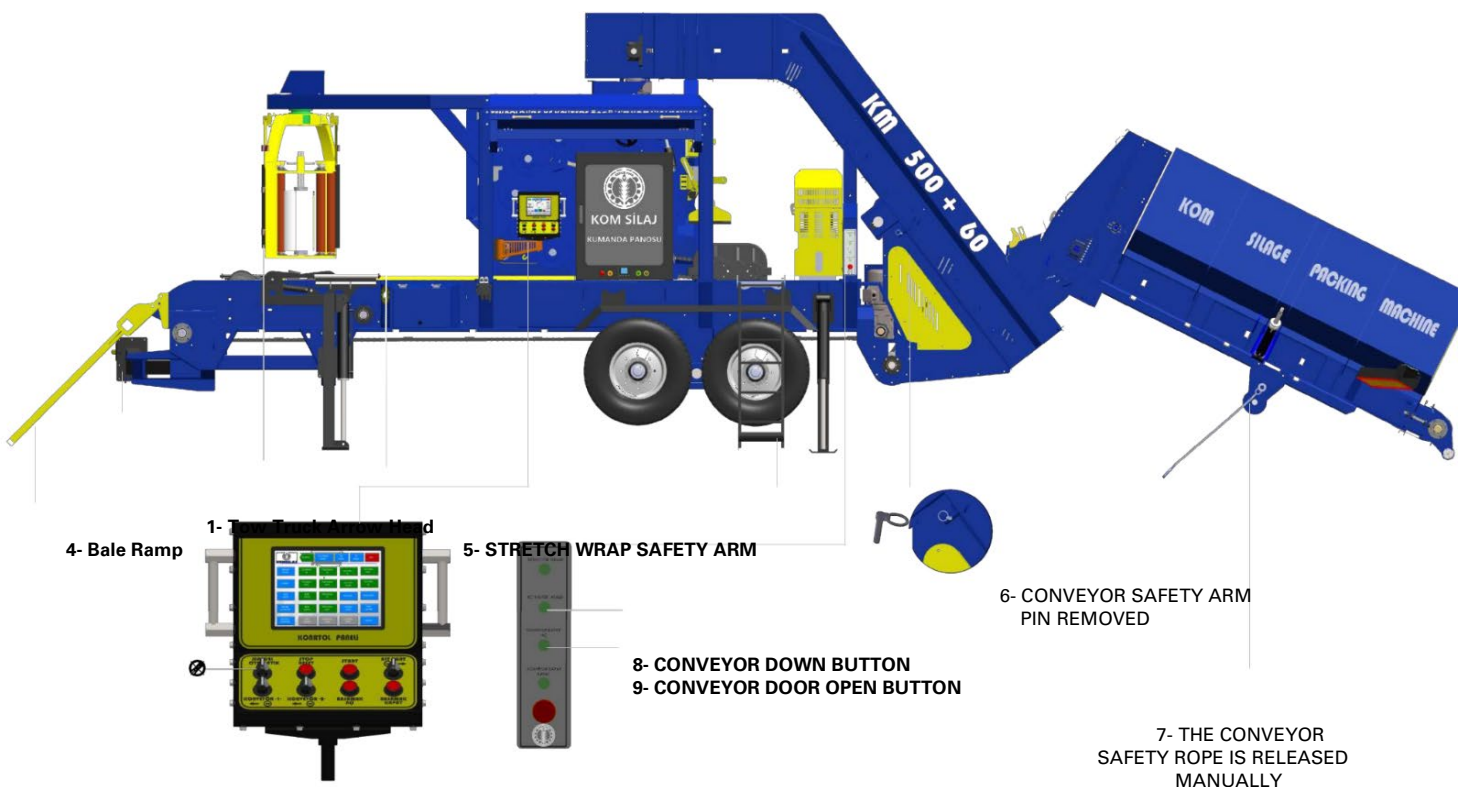
(A)-ELECTRIC MACHINE (REAR) BALANCE SUPPORT FEET (LOWERS - LIFT)

(B)-ELECTRICALLY MACHINE (FRONT) BALANCE SUPPORT FEET (LOWERS - LIFT)

- 1- ADJUST TO MANUAL ON THE TOUCH PANEL AND ADJUST THE AUTO SWITCH MANUALLY

PARKED ON THE FIELD

- 1- THE ARROWHEAD IS REMOVED FROM THE TRACTOR AND IT IS MANUALLY PUSHED TO ITS HOLDER.
- 2- SHIFT THE GEAR TO NEUTRAL OPERATOR FROM THE TOWER MACHINE
- 3- BALE RAMP IS MANUALLY RELEASED DOWN
- 4- STRECH WINDING ARM OPEN MANUALLY
- 5- THE CONVEYOR SAFETY ARM PIN IS REMOVED
- 6- HORIZONTAL CONVEYOR SAFETY ROPE SHIFT THE GEAR TO NEUTRAL MANUALLY
- 7- THE CONVEYOR IS RELEASED BY PRESSING THE DOWN BUTTON.
- 8- PRODUCT RECEPTION DOORS ARE OPENED BY PRESSING THE CONVEYOR OPEN BUTTON
- 9- STAIR IS MANUALLY RELEASED DOWN.



Manual button on the touch panel sets the automatic switch to manual.

SCREEN CONTROL SETTINGS OF THE MACHINE

- 1-) MAIN MENU BUTTON IS PRESSED.
- 2- CLICK ON THE TOUR AND TIME SETTING BUTTON.
- 3- THE TOUR AND TIME SETTING PAGE HAS BEEN DISPLAYED.

1- Page of the Manual
Page



2- Homepage



3-) The Tour And Time Setting



TOUR AND TIME SETTINGS OF THE MACHINE

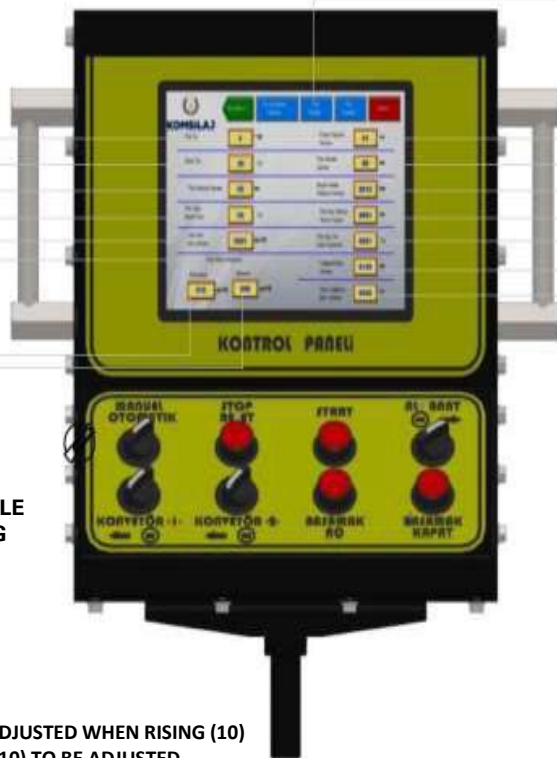
- 1- NET TOUR (6 TOURS) WILL BE ADJUSTED
- 2- STRETCH TOUR (36 TOURS) WILL BE ADJUSTED
- 3- THE TIME OF CUTTING THE NET (1) WILL BE ADJUSTED
- 4- NET PRESSURE BALL TOUR (3) WILL BE ADJUSTED
- 5- TIME TO PASS THE MESH BRAKE (1) WILL BE ADJUSTED

- 6- TIME TO PASS THE NET (1) WILL BE ADJUSTED
- →7- TIME (90) WILL BE ADJUSTED IF THE NET
- 8- KNIFE RAISE TIME (20) WILL BE ADJUSTED
- 9- AFTER HOW MANY SECONDS WILL BE SET TO SPEAD (1)
- 10- HOW MANY TURNS LEAD THE NET TO GATHER (1)
- 11- LUBRICATION START TIME (60
- 12- GREASE OIL LUBRICATION START TIME (120)

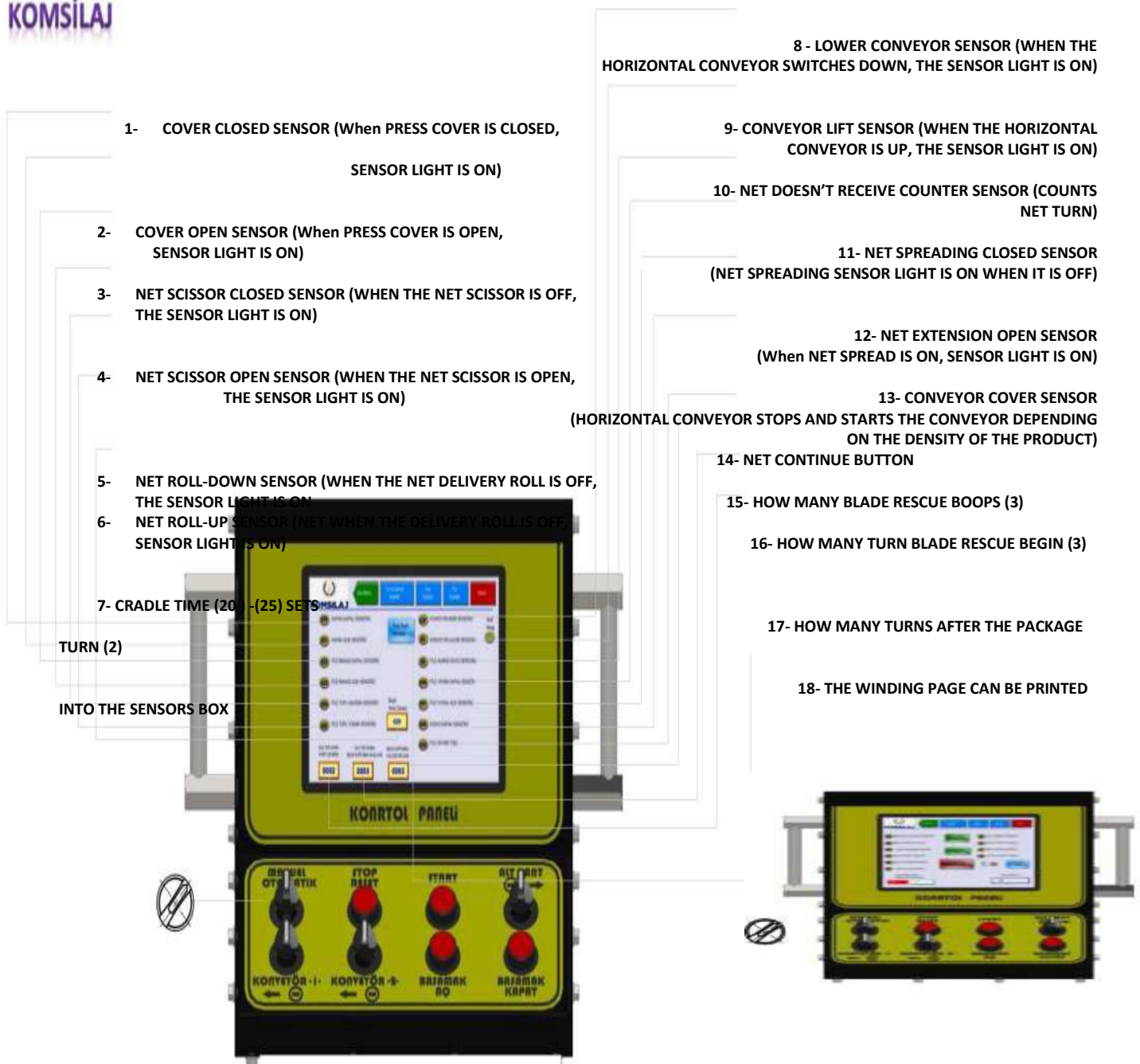
14- (PRINTED ON THE TEST PAGE BOX

13-
PRESS BALE
DROPPING
TIME

IT WILL BE ADJUSTED WHEN RISING (10)
-WORKING (10) TO BE ADJUSTED



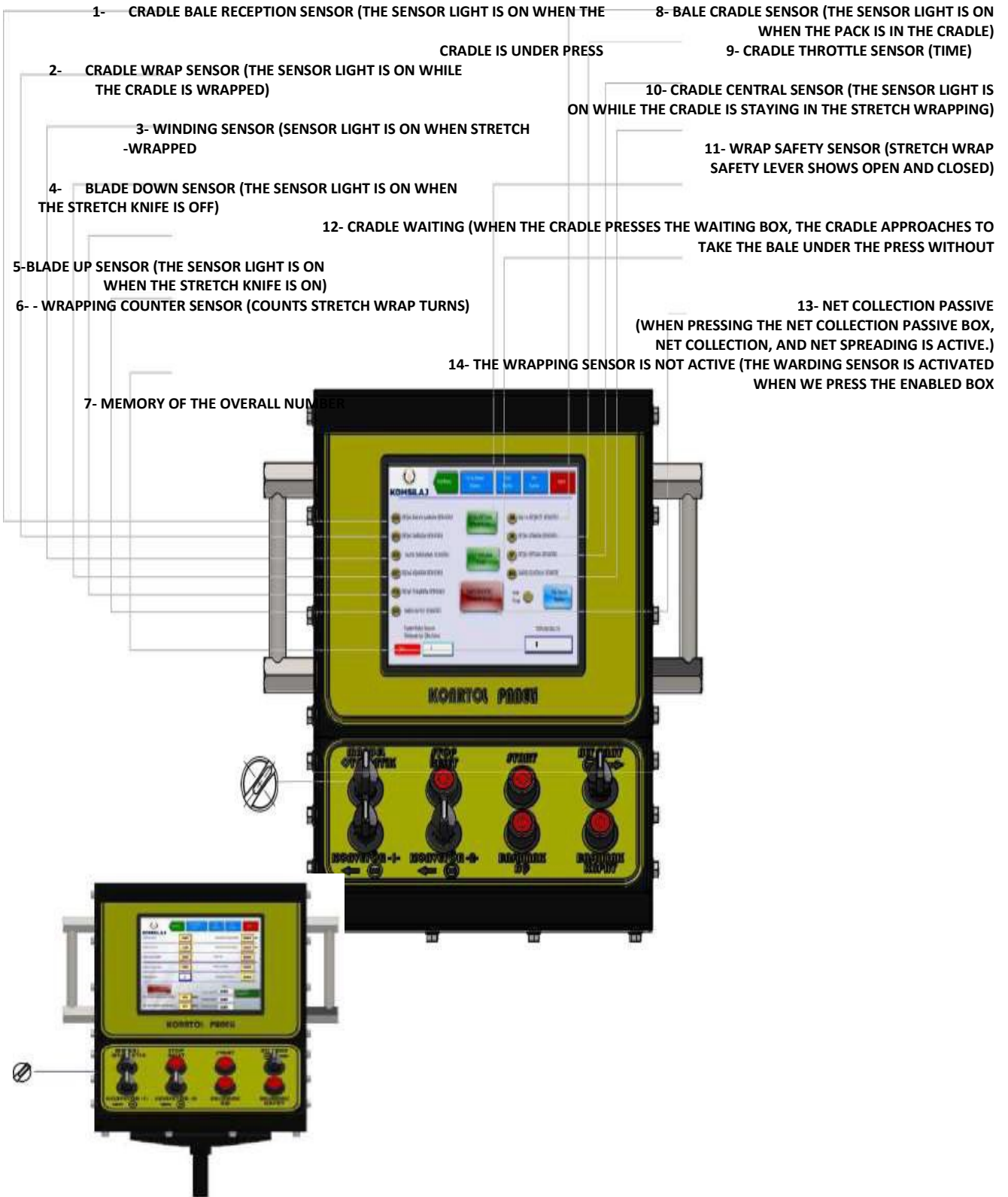
TOUR AND TIME SETTINGS OF THE MACHINE



- 1- COVER CLOSED SENSOR (When PRESS COVER IS CLOSED, SENSOR LIGHT IS ON)
- 2- COVER OPEN SENSOR (When PRESS COVER IS OPEN, SENSOR LIGHT IS ON)
- 3- NET SCISSOR CLOSED SENSOR (WHEN THE NET SCISSOR IS OFF, THE SENSOR LIGHT IS ON)
- 4- NET SCISSOR OPEN SENSOR (WHEN THE NET SCISSOR IS OPEN, THE SENSOR LIGHT IS ON)
- 5- NET ROLL-DOWN SENSOR (WHEN THE NET DELIVERY ROLL IS OFF, THE SENSOR LIGHT IS ON)
- 6- NET ROLL-UP SENSOR (NET WHEN THE DELIVERY ROLL IS OFF, SENSOR LIGHT IS ON)

- 8 - LOWER CONVEYOR SENSOR (WHEN THE HORIZONTAL CONVEYOR SWITCHES DOWN, THE SENSOR LIGHT IS ON)
- 9- CONVEYOR LIFT SENSOR (WHEN THE HORIZONTAL CONVEYOR IS UP, THE SENSOR LIGHT IS ON)
- 10- NET DOESN'T RECEIVE COUNTER SENSOR (COUNTS NET TURN)
- 11- NET SPREADING CLOSED SENSOR (NET SPREADING SENSOR LIGHT IS ON WHEN IT IS OFF)
- 12- NET EXTENSION OPEN SENSOR (When NET SPREAD IS ON, SENSOR LIGHT IS ON)
- 13- CONVEYOR COVER SENSOR (HORIZONTAL CONVEYOR STOPS AND STARTS THE CONVEYOR DEPENDING ON THE DENSITY OF THE PRODUCT)
- 14- NET CONTINUE BUTTON
- 15- HOW MANY BLADE RESCUE BOOPS (3)
- 16- HOW MANY TURN BLADE RESCUE BEGIN (3)
- 17- HOW MANY TURNS AFTER THE PACKAGE
- 18- THE WINDING PAGE CAN BE PRINTED

TOUR AND TIME SETTINGS OF THE MACHINE



ADJUSTMENT BUTTON

15- PRESS THE SPEED

SPEED SETTINGS

- 1- WINDING FAST SPEED (1600) WILL BE ADJUSTED
- 2- WINDING SLOW SPEED (800) WILL BE ADJUSTED
- 3- WINDING DEPARTURE RAMP (4000) WILL BE ADJUSTED
- 4- WINDING DROP RAMP (3500) WILL BE ADJUSTED
- 5- WINDING OUTPUT SPEED (SHOWS THE ACTIVE SPEED WHILE THE WINDING IS RUNNING)
- 6- THE NET BRAKE WILL BE ADJUSTED TO REPEAT (5)
- 7- PRESSING THE NET BALL IN REPEAT (3) WILL BE ADJUSTED
- 8- DELIVERY IS NOT INACTIVE AFTER CUTTING THE NET. (AFTER CUTTING THE NET, THE DELIVERY IS NOT ACTIVATED , THE BOX WILL BE PRINTED, AND THE NET DELIVERY WILL BE ACTIVATED)
- 9- BUNKER (2) STOP TIMES (HORIZONTAL CONVEYOR CAN CHANGE DEPENDING ON THE DENSITY OF THE PRODUCT (FROM 1 TO 10))
- 10- BUNKER CONVEYOR 2 RUN TIME (WORK TIME DEPENDING ON HORIZONTAL CONVEYOR PRODUCT DENSITY)
- 11- PRESS SPEED (60) WILL BE ADJUSTED
- 12- PRESS SLOW SPEED (58) WILL BE ADJUSTED
- 13- WRAPPING UNLOAD VOLTAGE
- 14- CURRENT ACTIVE SPEED
- 15- ACCELERATION TIME S
- 17- PRESS THE MAIN MENU BOX



TOUCH PANEL MANUAL AND AUTOMATIC OPERATION DIRECTION SETTINGS

1- TURN THE SWITCH IN THE RIGHT DIRECTION

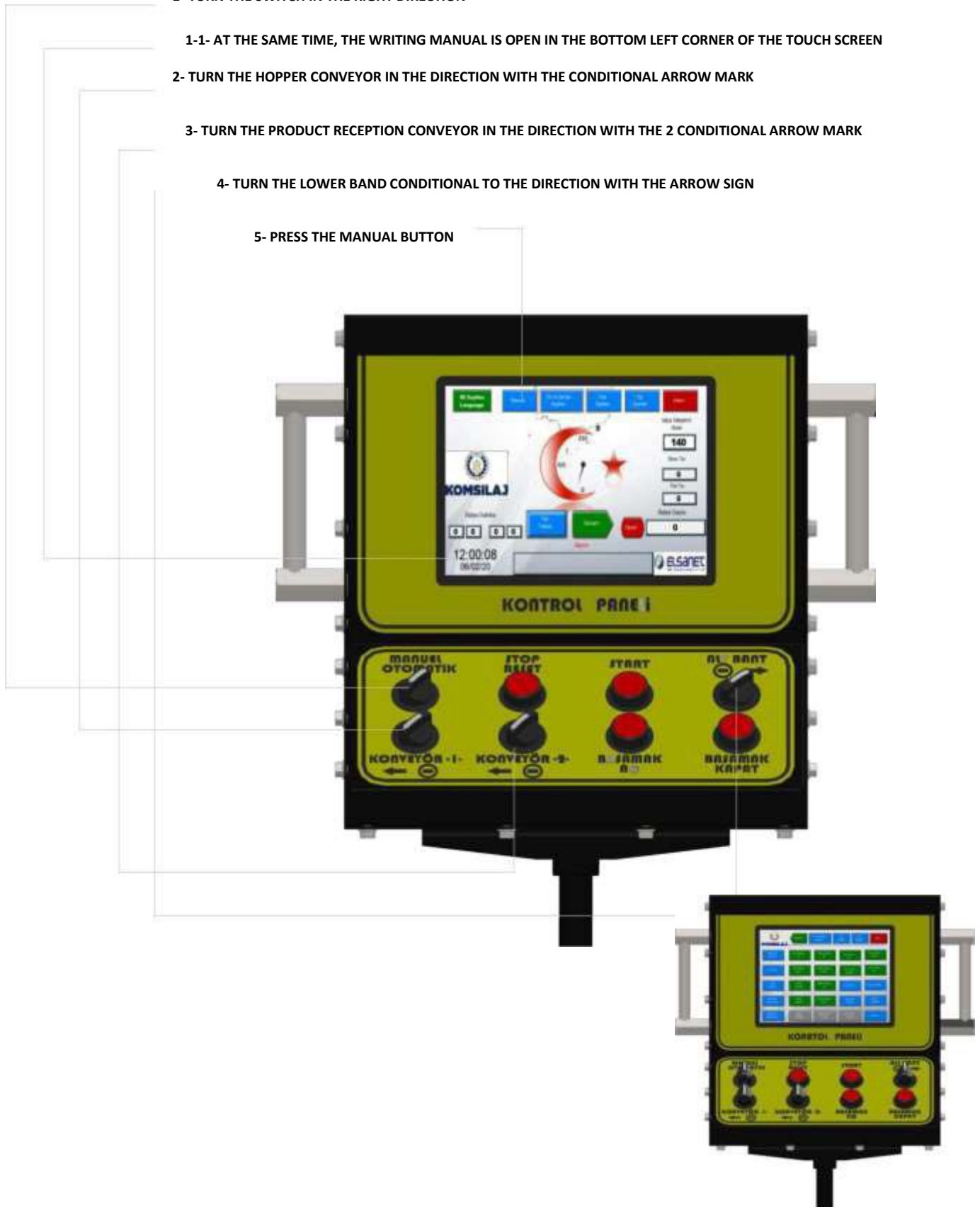
1-1- AT THE SAME TIME, THE WRITING MANUAL IS OPEN IN THE BOTTOM LEFT CORNER OF THE TOUCH SCREEN

2- TURN THE HOPPER CONVEYOR IN THE DIRECTION WITH THE CONDITIONAL ARROW MARK

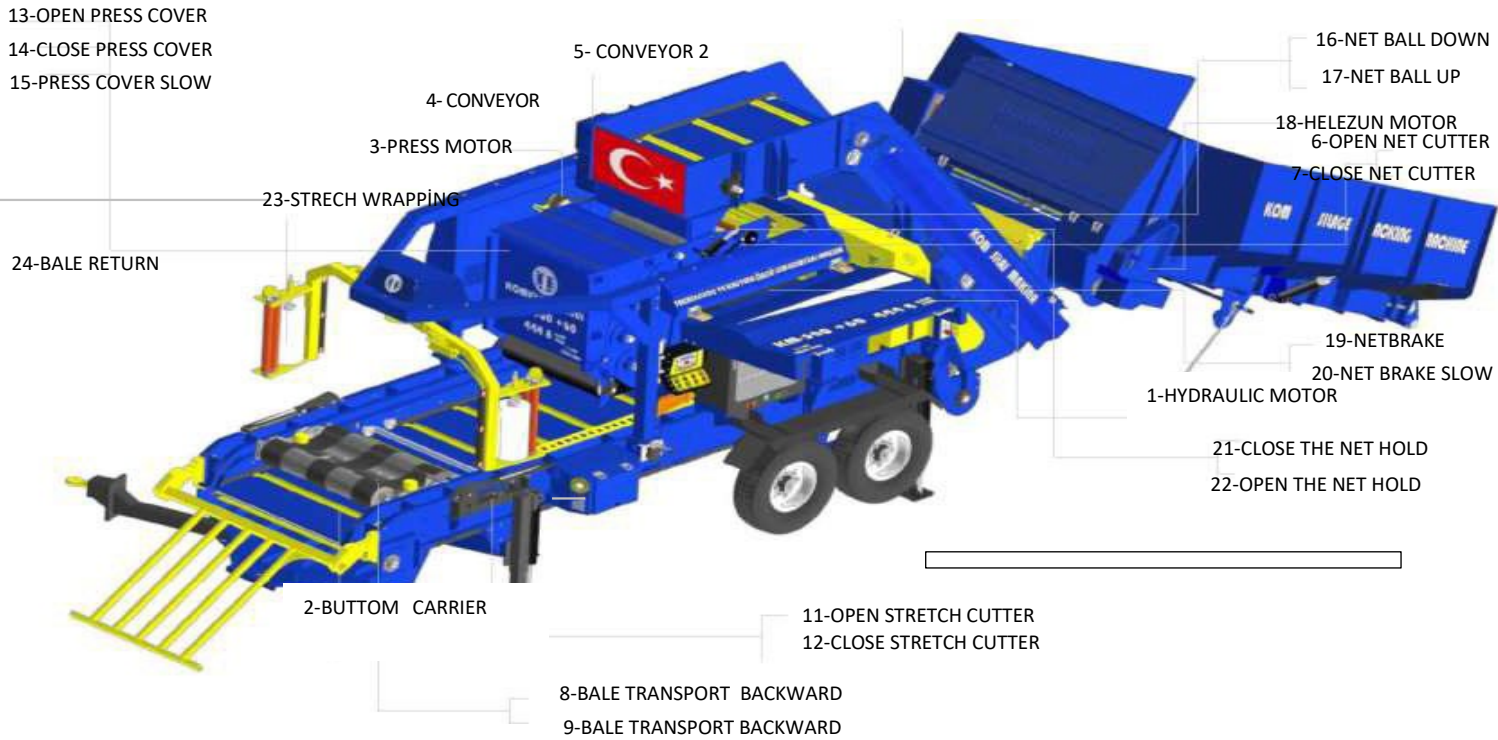
3- TURN THE PRODUCT RECEPTION CONVEYOR IN THE DIRECTION WITH THE 2 CONDITIONAL ARROW MARK

4- TURN THE LOWER BAND CONDITIONAL TO THE DIRECTION WITH THE ARROW SIGN

5- PRESS THE MANUAL BUTTON



CHECKING THE OPERATION OF THE MACHINE MANUALLY



CHECKING THE OPERATION OF THE MACHINE MANUALLY

1-PRESS ON THE HDYRAULIC MOTOR CHECKBOX

2-PRESS ON THE BOTTOM CARRIER CHECKBOX

3-PRESS ON THE PRESS MOTOR CHECKBOX

4-PRESS ON THE CONVEYOR CHECKBOX

5-PRESS ON THE CONVEYOR2 CHECKBOX

6-PRESS ON THE OPEN NET CUTTER CHECKBOX

7-PRESS ON THE CLOSE NET CUTTER CHECKBOX

8-PRESS ON THE BALE TRANSPORT BACKWARD CHECKBOX

9-PRESS ON THE BALE TRANSPORT FORWARD CHECKBOX

10-PRESS ON THE LUBRICATING GREASE CHECKBOX

11-PRESS ON THE OPEN STRECHT CUTTER CHECKBOX

12-PRESS ON THE CLOSE STRECTH CUTTER CHECKBOX

13-PRESS ON THE OPEN PRESS COVER CHECKBOX

14-PRESS ON THE CLOSE PRESS COVER CHECKBOX

15-PRESS ON THE PRESS COVER SLOW CHECKBOX

16-PRESS ON THE NET BALL DOWN CHECKBOX

17-PRESS ON THE NET BALL UP CHECKBOX

18-PRESS ON THE NET BRAKE CEHCKBOX

19-PRESS ON THE HELISMOTOR CHECKBOX

20-PRESS ON THE CLOSE BRAKE SLOW

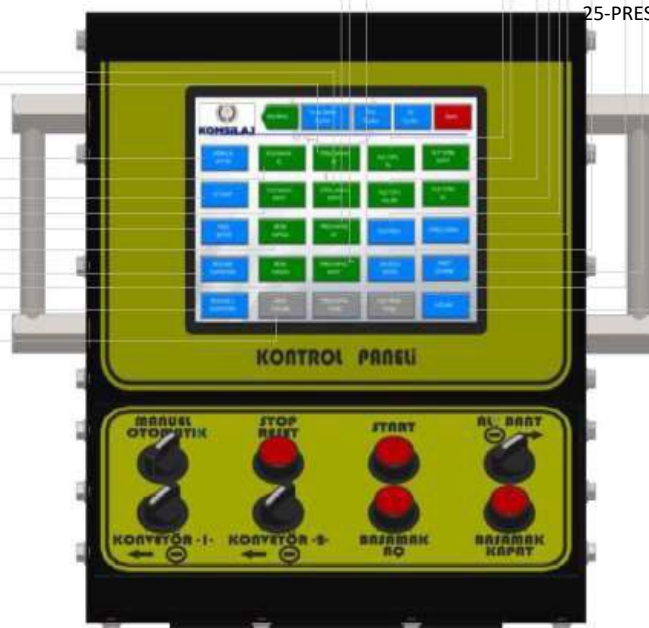
21-PRESS ON THE CLOSE NET HOLD CHECKBOX

22-PRESS ON THE OPEN NET HOLD CHECKBOX

23-PRESS ON THE STRECTH ROLL CEHCKBOX

24-PRESS ON THE BALE RETURN CHECKBOX

25-PRESS ON THE LUBRICATION CHECKBOX



POSITION OF THE NET

1-FIRSTLY ,THE NET IS ATTACHED TO THE DEVICE /EQUIPMENT

2-THE NET IS PASSED THROUGH THE NET BRAKE

3-IT IS PASSED THROUGH INSIDE THE IDLER REEL

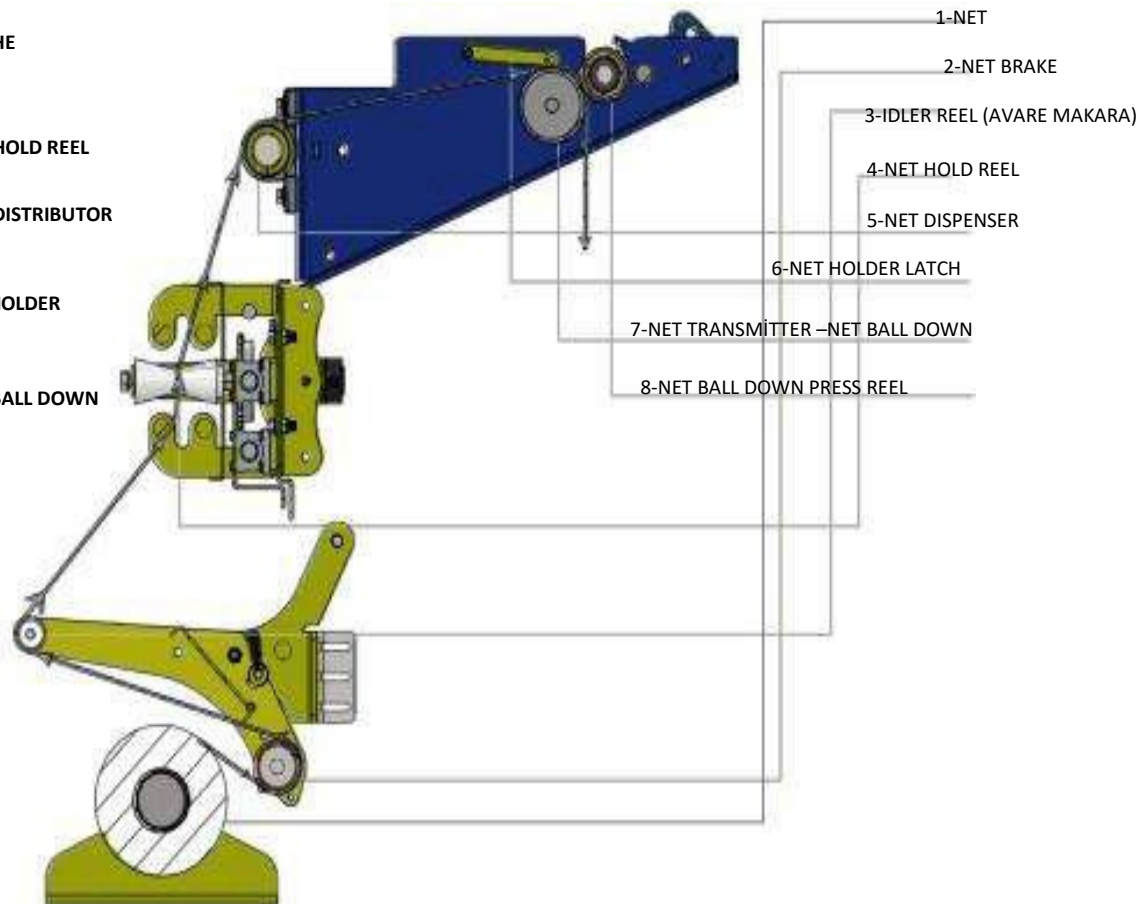
4-IT IS PASSED THROUGH THE NET HOLD REEL

5-IT IS PASSED THROUGH THE NET DISTRIBUTOR

6-IT IS PASSED THROUGH THE NET HOLDER LATCH

7-IT IS PASSED THROUGH THE NET BALL DOWN TRANSMITTER

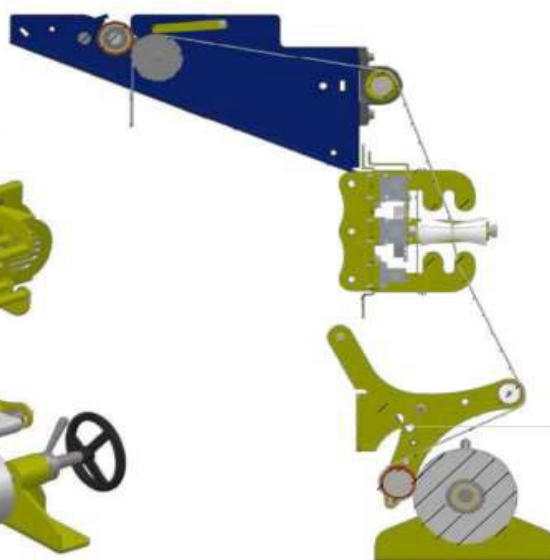
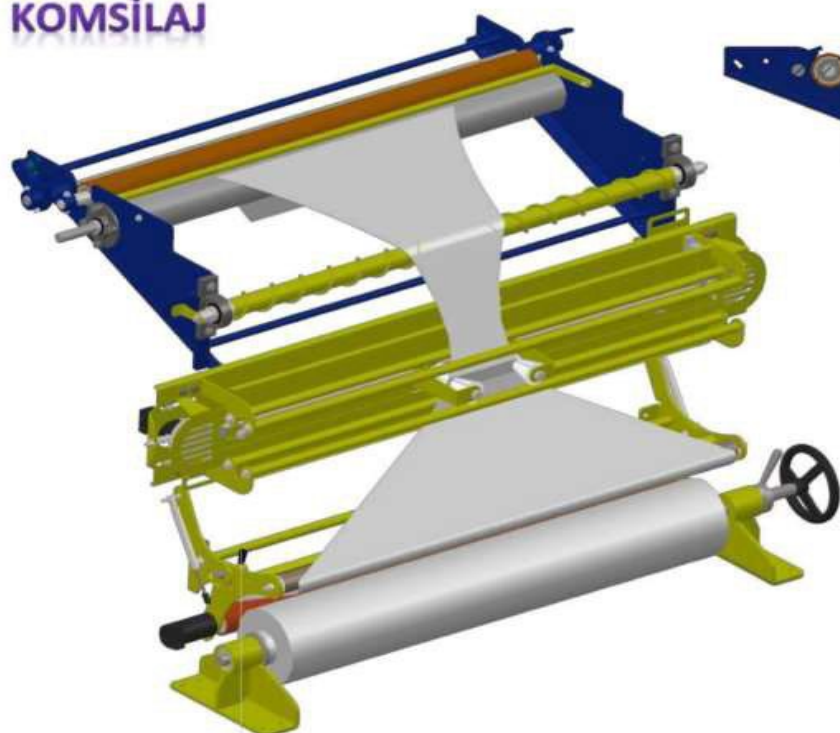
8-IT IS RELEASED INTO THE MACHINE APPROXIMATELY 15 CM



NET READY FOR OPERATION



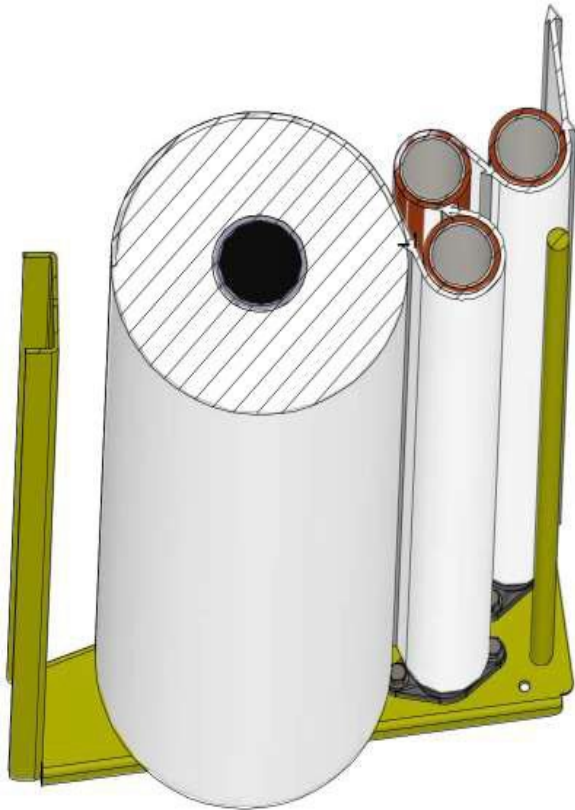
KOMSILAJ



1-LATCH WITH NET BRAKE LOCKED

1-THE NET BRAKE IS RELEASED FROM THE LOCKED LATCH SOCKET ,THE NET AND THE NET BRAKE COME IN CONTACT .

ATTACHING THE STRETCH TO THE DEVICE



MACHINE'S PACKAGE COMPRESSION SETTING ACCORDING TO THE PRODUCT TYPES

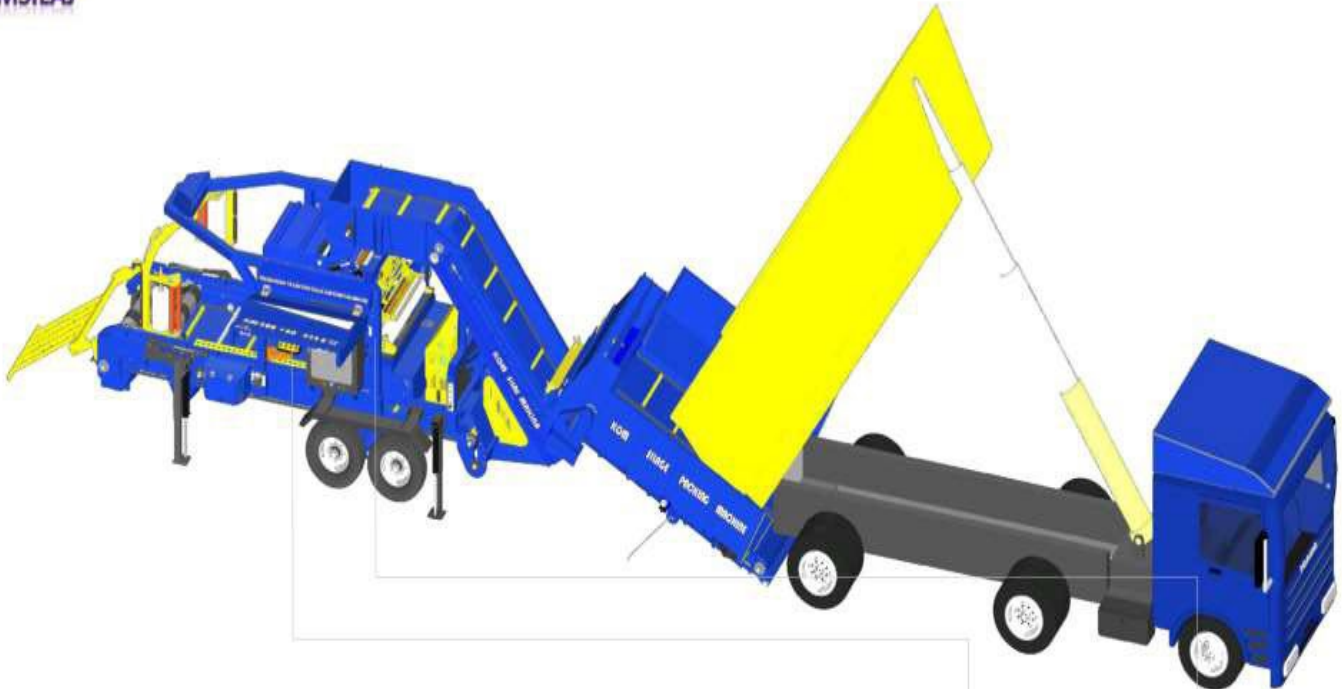


1-CORN SILAGE AND GREEN PLANTS BALE COMPRESSION SETTINGS (170)

2-SUGAR BEET PULP BALE COMPRESSION SETTING (120)



FINAL SETTING OF THE MACHINE IN AUTOMATIC OPERATION



4-NET COMPRESSION VALVE

1-(MANUAL AUTOMATIC SWITCH-TURN THE MANUAL AUTOMATIC SWITCH INTO AUTOMATIC (AUTOMATIC INSCRIPTION APPEAR ON THE LEFT CORNER OF THE (SCREEN)

2- START BUTTON(BY PRESSING THE START BUTTON ,THE MACHINE AUTOMATICLLY WORKS)

3-STOP RESET BUTONU –STOPS THE MACHINE WHEN NEED AND RESETS THE MACHINE'S

4- WHEN THE MACHINE AUTOMATICALLY SWITCHES TO THE NET ,THE TIGHTNESS OF THE NET WILL BE ADJUSTED.WHILE THE MACHINE IS WORKING

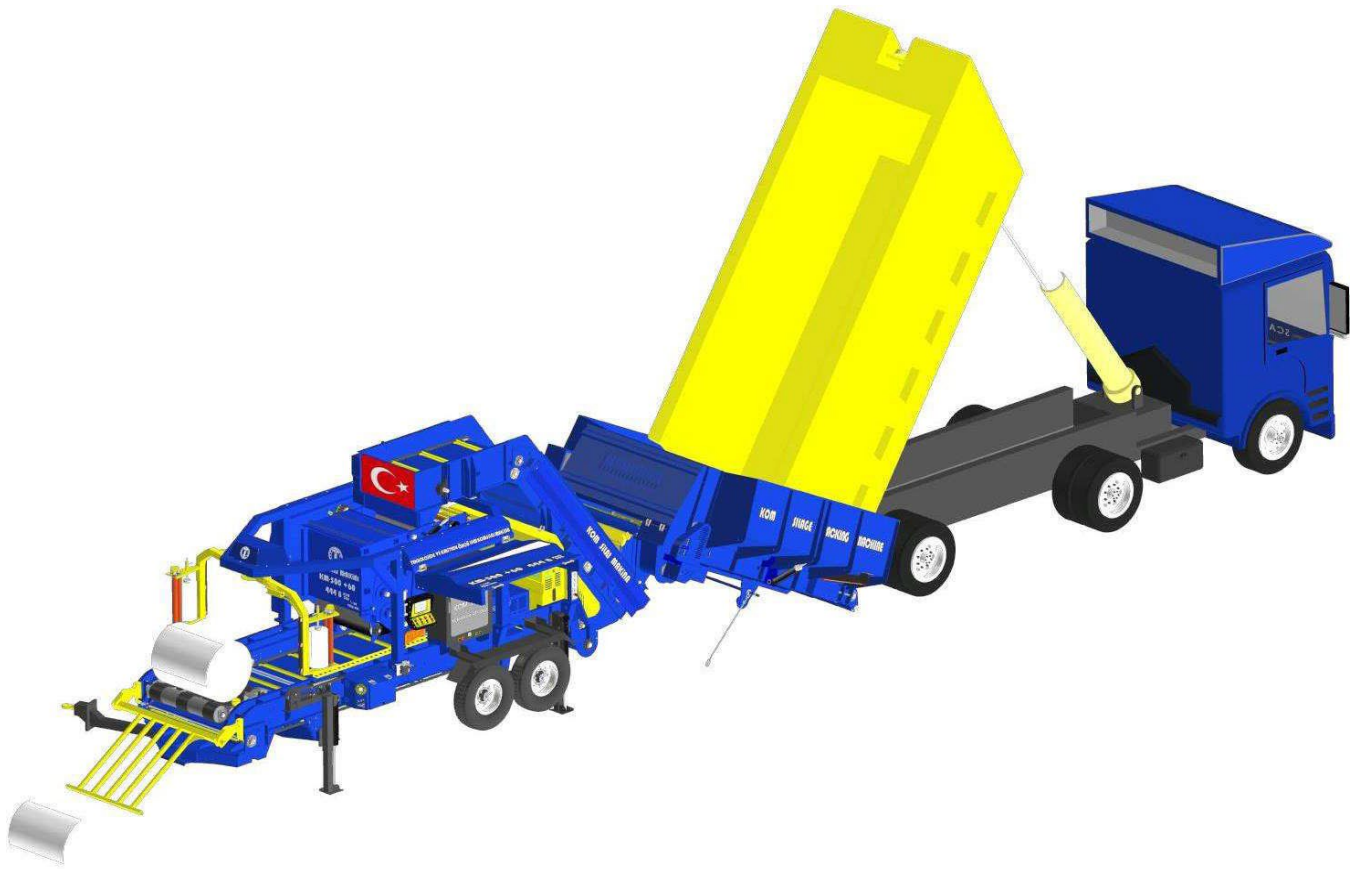
3-STOP RESET BUTONU

2-START BUTONU

1-MANUAL AUTOMATIC SWITCH



STATUS OF THE MACHINE SWITCHED TO PACKAGE PRODUCTION



STRECHT /NET /FOIL SIZES OF THE MACHINE

1-(STRETCH) : (25 MICRON 750
MM * 1800 MT)

2- (NET) :(1300 MM *3000 MT)

3-(FOIL) :(1300 MM* 2000 MT)

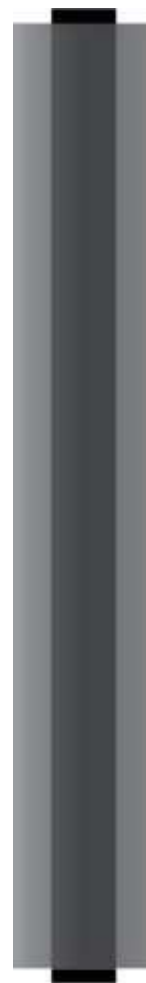
STRETCH



NET



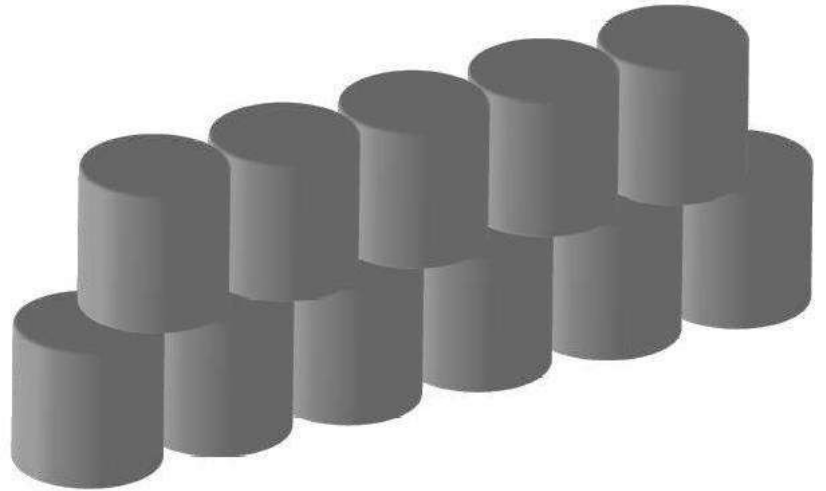
FOIL



**1-PACK SIZE WITH (1000 MM) DIAMETER
(800 MM)**

2-SUGAR BEET PULP AND SIMILAR

PRODUCTS -DIZAYN 2 ROW



**3 -CORN SILAGE AND
SIMILAR PLANTS -DIZAYN 3
ROW (3)**

MACHINE'S TRANSNATIONAL OIL STANDARDS BRANDS AND NUMBERS

1) 1- HYDRAULIC OIL NUMBER AND BRANDS TO BE USED IN COLD CLIMATE COUNTRY AND REGION

- 1.1. Mobil DTE = 24
- 1.2. Shell tellus =52 w 32
- 1.3. Castrol HYSSPIN AWS = 32
- 1.4. Gulf harmony AW = 32

2)TURKEY'SCLIMATE AND SIMILAR COUNTRY CLIMATE

- 1.1 Mobil OTE = 25
- 2.2. BP Enerdol HLP HM = 46
- 2.3. Castrol HYSPIN AWS = 46
- 2.4. Shell TELLUS S-2 M =46
- 2.5. Gulf harmony AW = 46

3)WARM CLIMATIC COUNTRIES AND REGIONS

- 3.1. BP ENERGOL HLP - HM = 68
- 3.2. Castrol HYSPIN AWS = 68
- 3.3. Mobil DTE = 26
- 3.4. Shell TELLUS S-2- M = 68
- 3.5. Gulf harmony AW = 68

BEARING CHAIN OIL AND GREASE BRAND AND NUMBER OF THE MACHINE

- 1) Mobil GREAR 600 XP - 320
- 2) Shell OMALA S – 2 G – 320
- 3) Bp ENERGOL GR – XP – 320
- 4) Castrol ALPHP SP – 320

2- AUTOMATIC –GREASE LUBRICATION

- 1) BP ENERGREASE LS –EP (NLGI 0 - 1)
- 2) CASTROLSPHEEROLEPL(NLGI0-1)
- 3) LUKOIL MULTIFLEX EP (NLGI 0 - 1)
- 4) MOBILE MOBLUX EP (NLGI 0 - 1)
- 5) SHELL GADUS S2 V220 (NLGI 0 -1)

3- WITH HAND PUMP AND AIR GREASE MACHINE

- 1) Shell GADUS S – 2 100 – 3
- 2) Mobil MOBILUX E – P- 3
- 3) Bp ENERGRASE LS – 3
- 4) Castrol SPHEEROL AP - 3

POWER OF THE MACHINE KW AMPERAGE AND NUMBER OF ELECTRIC MOTORS

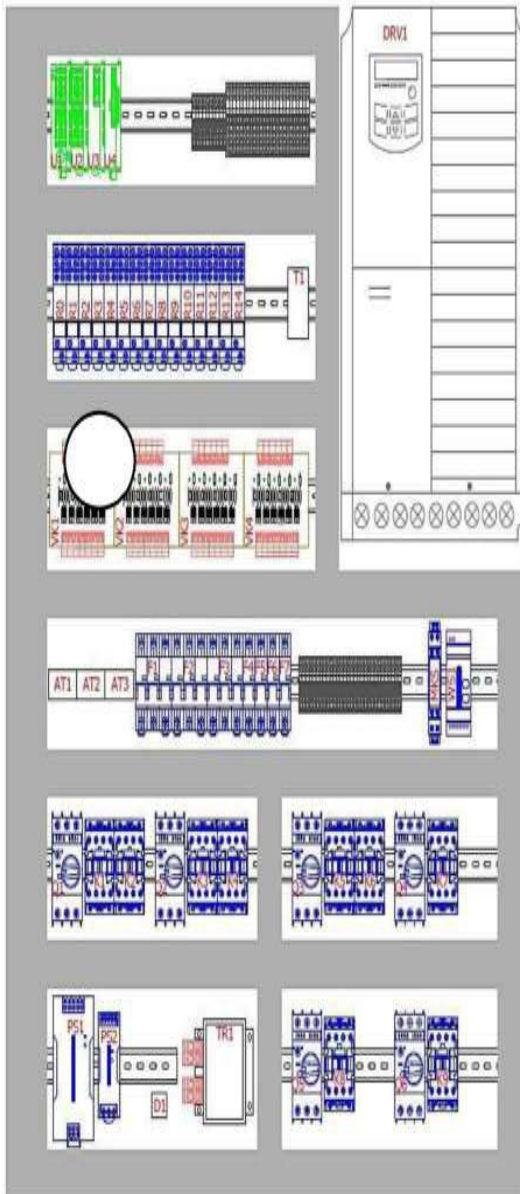


1- TOTAL NUMBER OF ELECTRIC MOTORS (7)

2- TOTAL MOTOR POWER (65 KW)

3- ELECTRICAL AMPERAGE(65-80 AMPER)

ELECTRICAL PANEL OF THE MACHINE



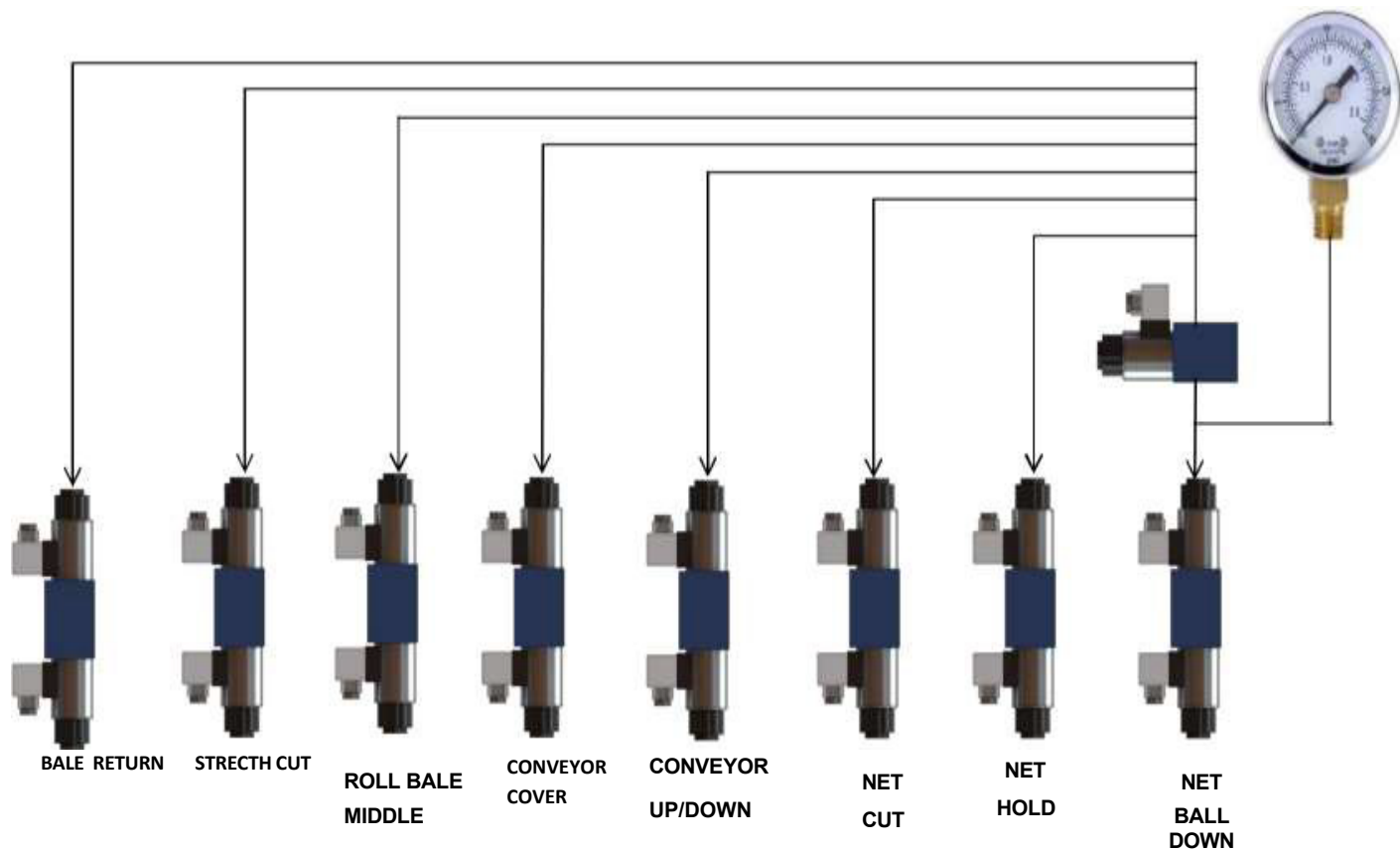
Etiket	Açıklama
S1	FP0R-C32MP
S2	FP0R-E32P
S3	FP0R-E0X
S4	FP0-A21
DRV1	Pres sürücü
R0	Hidrolik
R1	Altbant ileri
R2	Altbant geri
R3	Yağlama
R4	Pres sürücü
R5	Konveyör 1 ileri
R6	Konveyör 1 geri
R7	Konveyör 2 ileri
R8	Konveyör 2 geri
R9	Alarm
R10	Gres yağlama
R11	Helezon
R12	Konv. kapak aç
R13	Konv. kapak kapat
R14	Trafo
MKS	Faz doğrulama rölesi
WS1	Wifi svic
Q1	Konveyör 1
K1	Konveyör 1 ileri
K2	Konveyör 1 geri

Etiket	Açıklama
Q2	Konveyör 2
K3	Konveyör 2 ileri
K4	Konveyör 2 geri
Q3	Altbant
K5	Altbant ileri
K6	Altbant geri
Q4	Helezon
K7	Helezon
Q5	Hidrolik 1
K8	Hidrolik 1
Q6	Hidrolik 2
K9	Hidrolik 2
PS1	Valif güç kaynağı
PS2	Kumanda güç kaynağı
TR1	Fan trafo
D1	Fan diyot



E G 6-VALVE DIAGRAM

PRESSURE GAUGE SETTING (170)

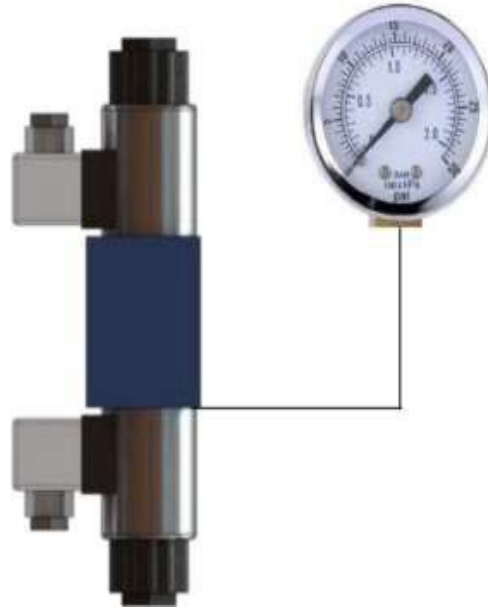


E G 6-VALVE DIAGRAM

PRESS COVER



PRESSURE GAUGE SETTING(160)



Stretch Wrap –proportional valve

OPERATING MANUAL OF THE MACHINE WITH TAIL AXLE DRIVE



PTO SHAFT DRIVE ALTERNATOR INSTALLATION STATUS OF THE MACHINE



**CONNE
CTION
PLUG**



2- ŞAFT-AXLE



1- ALTERNATÖR

1- TRACTOR (70-100) HP 540 WITH POWER TAKE-OFF)

**2-AXLE (TRACTOR TAIL AND ALTERNATOR
CONNECTED.**

2- THE MACHINE PLUGS INTO THE ALTERNATOR .

ALTERNATOR (ALTERNATOR IS DRIVED BY TRACTOR TAIL AXLE

ALTERNATOR FREQUENGs SETTINGS OF THE MACHINE

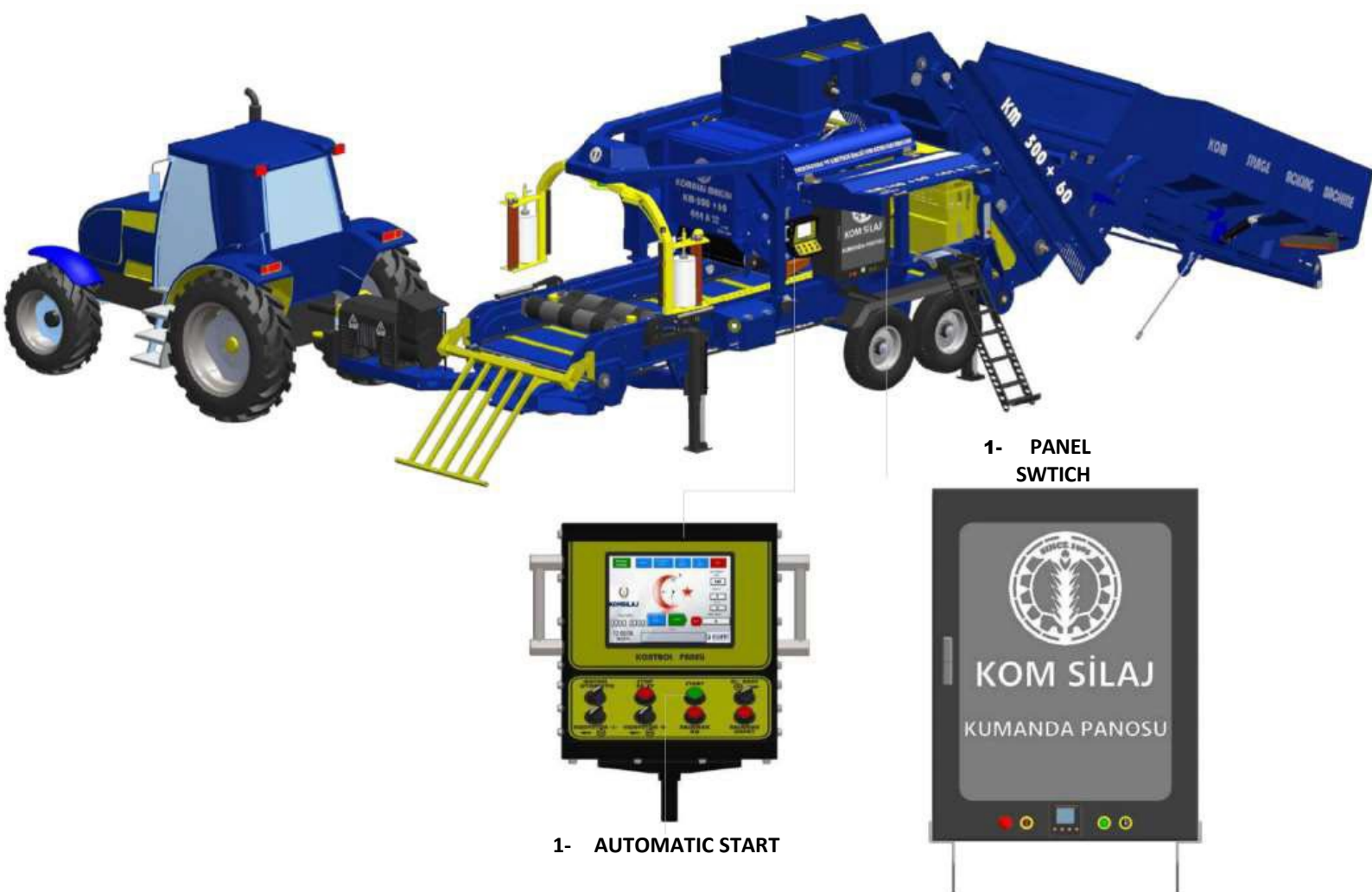


1- FREQUENCY (FREQUENCY IS ADJUSTED TO 50-52 THROUGH THE GAS ADJUSTMENT OF THE TRACTOR)

2- AMPER METRE (THE MACHINE SHOWS 65-80 AMP WHEN OPERATING)

3- AFTER THE FREQUENCY ADJUSTMENT OF THE ALTERNATOR IS ADJUSTED ,THE SWITCH IS OPEN

AUTOMATIC OPERATION OF THE MACHINE



1- PANEL SWTICH (USED TO TURN ON THE SWITCH OF THE PANEL)

2-AUTO START BUTTON (AFTER PRESSING THE BUTTON ,THE MACHINE WORKS AUTOMATICALLY