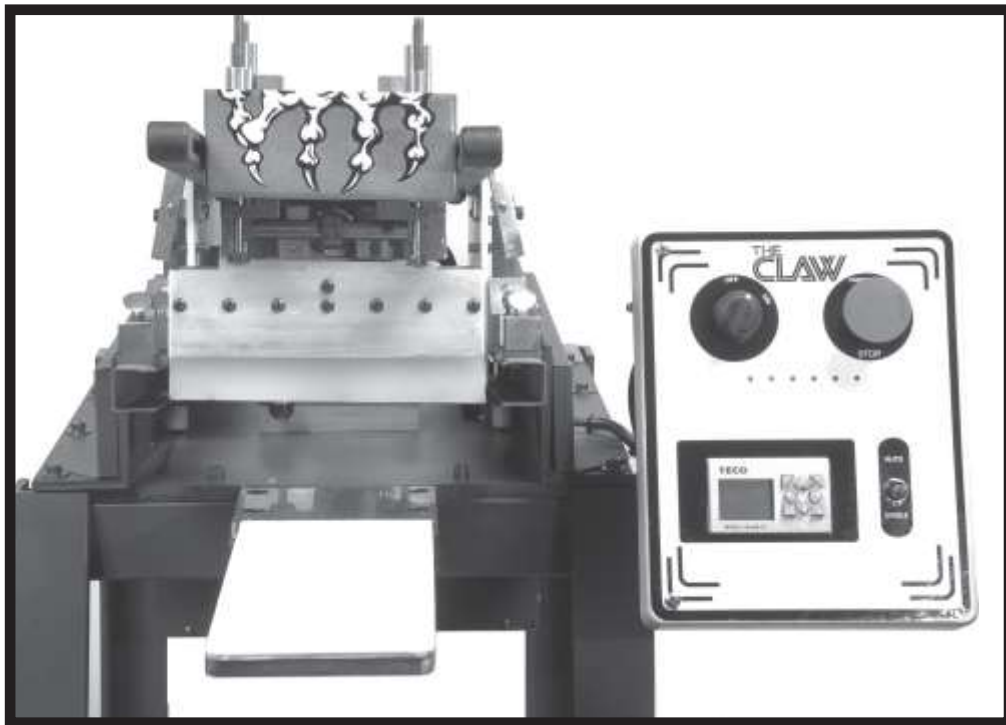


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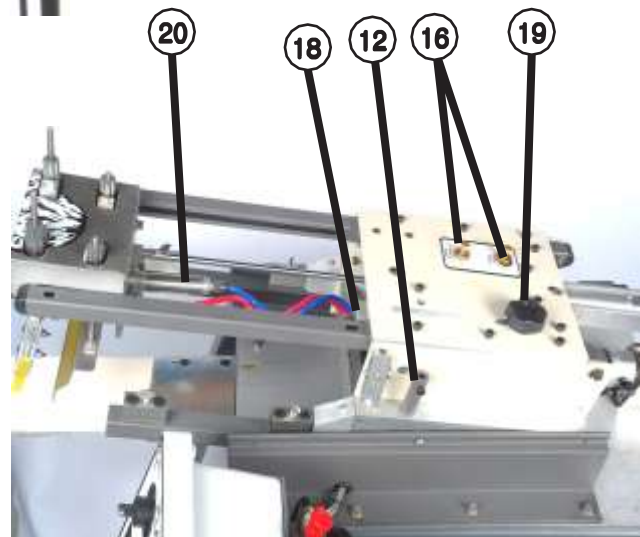
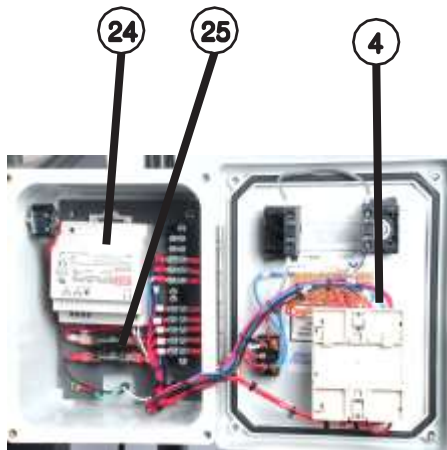
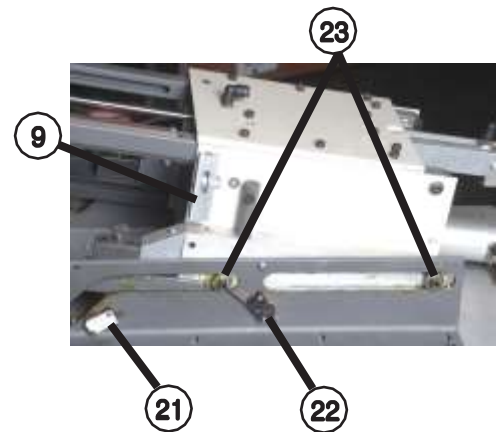
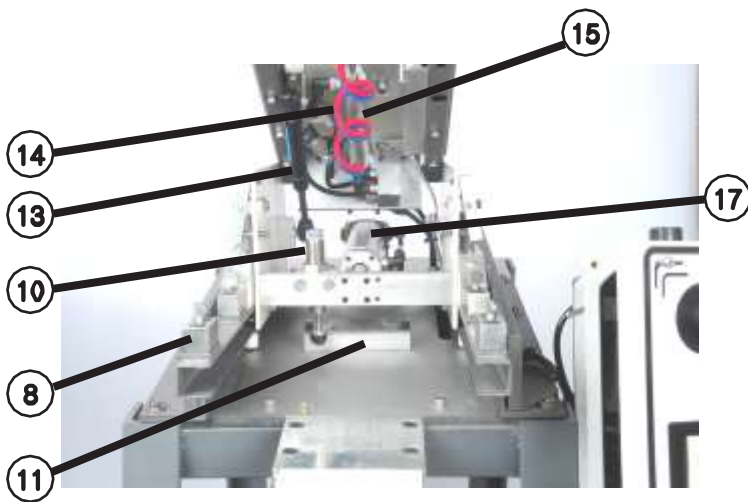
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MACHINE SPECIFICATIONS

Item	Description
Electrical Input Requirments	115VAC @ 1.2AMPS
Air Requirments	3CFM @ 90 PSI



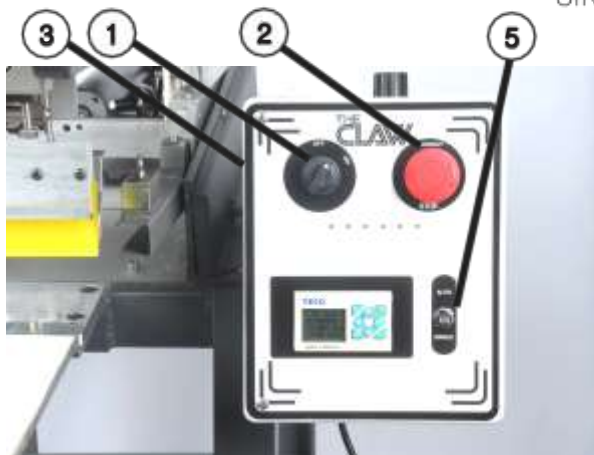
1. ON OFF SWITCH
2. EMERGENCY STOP SWITCH
3. SINGLE / DOUBLE PRINT SWITCH
4. PLC
 - C1 = COUNTER
 - T1 = DWELL / LOAD TIME
 - T3 = SQUEEGEE / FLOOD BAR TRAVEL TIME
 - DEL / SEL / ESC / OK / ARROW BUTTONS = INPUT COMMANDS
5. SINGLE / AUTOMATIC START SWITCH
6. WATER TRAP / AIR PRESSURE REGULATOR / AIR ON OFF SWITCH
26. STATUS LED'S GREEN (6) INDICATE BELOW
 - 1=SINGLE START
 - 2=PRINT FLOOD DIRECTION
 - 3=HOME
 - 4=PRINT START
 - 5=HEAD DIVE SELONOID OUTPUT
 - 6=CARRIAGE DRIVE SELONOID OUTPUT



- 7- SQUEEGEE / FLOOD BAR MANUAL PRESSURE ADJUSTMENT KNOB
- 8- SCREEN HOLDER C LAMP
- 9- HIGH LIFT RELEASE BUTTON (2)
- 10- HYDRAULIC SHOCK
- 11- REGISTRATION BLOCK
- 12- MECHANICAL SPRING SHOCK
- 13- HIGH LIFT AIR SHOCK
- 14- SQUEEGEE FLOOD BAR COIL HOSE
- 15- SQUEEGEE FLOOD BAR AIR CYLINDER
- 16- SQUEEGEE FLOOD BAR SPEED CONTROL (2)
- 17- HEAD DRIVE AIR CYLINDER
- 18- SQUEEGEE FLOOD BAR DRIVE AIR CYLINDER
- 19- PRINT STROKE ADJUSTMENT
- 20- PRINT STROKE ADJUSTMENT LIMIT SWITCH
- 21- PRINT START LIMIT SWITCH
- 22- HOME LIMIT SWITCH
- 23- HEAD RAIL BEARINGS (4)
- 24- DC POWER SUPPLY
- 25- FUSE (2)

MACHINE OPERATION:

- A . PLUG AC CORD INTO ELECTRICAL OUTLET (115 VAC 2 AMP CIRCUIT)
- B . PLUG AIR CONNECTION INTO WATERTRAP / AIR REGULATOR / AIR ON OFF SWITCH (6)
- C . TURN AIR ON OFF SWITCH TO THE ON POSITION (6) PRESSURE GAUGE NEEDS TO READ 90 PSI, ADJUST IF NECESSARY BY PULLING UP ON BLACK KNOB AND TURNING TO INCREASE OR DECREASE TO 90 PSI, THEN PUSH DOWN ON BLACK KNOB TO LOCK.
- D . TURN ON OFF SWITCH (1) TO THE ON POSITION.
- E . TURN EMERGENCY STOP SWITCH (2) TO RELEASE.
- F . COUNTER FUNCTION IS RESET WHEN MACHINE IS POWERED OFF AND ON USING ON OFF SWITCH (1)
- G . USING THE SINGLE / DOUBLE PRINT SWITCH (3) ALLOWS YOU TO REPEAT THE PRINT FLOOD CYCLE WITHOUT MOVEMENT OF HEAD.
- H . SINGLE CYCLE OPERATION IS DONE BY PUSHING DOWN MOMENTARILY ON THE SINGLE / AUTOMATIC SWITCH (5), THE MACHINE WILL RUN ONE COMPLETE CYCLE AND STOP.



- I . FOR AUTOMATIC OPERATION PUSH SINGLE / AUTOMATIC SWITCH (5) DOWN MOMENTARILY AND BACK TO THE TOPMOST POSITION. THIS WILL BEGIN THE TIMED CYCLING OF PRESS. THE TIME IS CONTROLLED THROUGH THE PLC (4) VALUE OF T1 IN SECONDS. TO ADJUST THE CYCLE TIME MORE OR LESS, PUSH THE SEL KEY, A BLACK BOX BEGINS TO FLASH ON THE DISPLAY, USING ARROW KEYS MOVE THE FLASHING BOX OVER THE DIGIT AT THE RIGHT OF T1 IN THE DISPLAY, PRESS SEL, THE FLASHING BOX

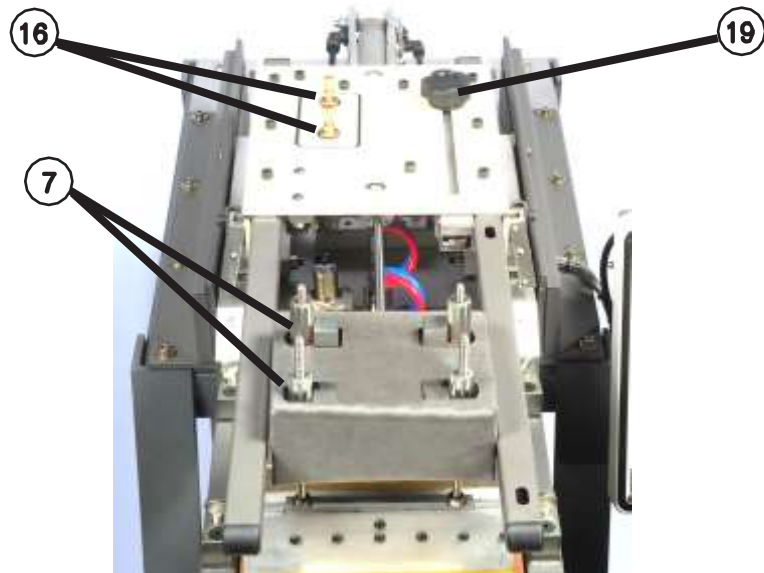
BECOMES A LINE UNDER THE DIGIT, USING UP OR DOWN ARROW KEYS YOU CAN INCREASE OR DECREASE THIS VALUE WHEN YOU HAVE REACHED DESIRED TIME PRESS OK.



HIGH LIFT FEATURE CAN BE ACTIVATED USING HIGH LIFT RELEASE BUTTON (9). DEPRESS THE BUTTONS AT THE SAME TIME ON SIDE OF HEAD TO RAISE CARRIAGE FOR SETUP OR CLEANING. SELF LOCKING WHEN PUSHED DOWN IN POSITION.

PRINTING ADJUSTMENTS:

- J USING THE SQUEEGEE FLOOD BAR MANUAL PRESSURE ADJUSTMENT KNOB (7) WILL ALLOW YOU TO INCREASE OR DECREASE THE PRESSURE ON PRINT OR FLOOD CYCLES, DEPENDING ON YOUR REQUIREMENTS.
- K USING THE SQUEEGEE FLOOD BAR SPEED CONTROL (16) ALLOWS YOU TO ADJUST SPEED OF PRINT OR FLOOD SPEED.
RELEASE THE LOCK NUT BELOW THE SMALL ADJUSTMENT KNOB, MAKE THE ADJUSTMENT AND TURN THE LOCK NUT DOWN AGAIN TO HOLD SPEED POSITION.
- L USING THE PRINT STROKE ADJUSTMENT (19) YOU CAN INCREASE OR DECREASE THE AMOUNT OF TRAVEL ON THE PRINT AND FLOOD STROKES. RELEASE LOCK KNOB, SLIDE FORWARD OR BACKWARD AND LOCK AGAIN TO HOLD POSITION.



- M PRINT STROKE ADJUSTMENT (19) THE VALUE OF T3 ON THE PLC (4) AND FLOOD SPEED AFFECT THE TRAVEL DISTANCE ON THE SECOND PRINT WHILE IN DOUBLE PRINT MODE.

EXAMPLE: WHILE

IN DOUBLE PRINT MODE, CARRIAGE DOES NOT MAKE IT COMPLETELY FORWARD TO OBTAIN FULL FLOOD AND PRINT ON SECOND PRINT. TO CORRECT AND OBTAIN FULL CARRIAGE TRAVEL THE VALUE OF T3 ON PLC (4) NEEDS TO BE INCREASED .



EXAMPLE: WHILE IN DOUBLE PRINT MODE, CARRIAGE WAITS AT THE FRONT OF THE PRINT BEFORE PRINTING SECOND PRINT. TO CORRECT AND OBTAIN THE OPTIMUM SPEED THE VALUE OF T3 ON PLC (4) NEEDS TO BE DECREASED .

PALLET CHANGING:

N . PALLETS ARE CHANGED BY REMOVING FOUR MOUNTING BOLTS LOCATED BY THE PALLET LEVELING ADJUSTMENT SCREWS (30).

WHEN INSTALLING THE DIFFERENT PALLET TURN THE AIR ON OFF SWITCH (6) TO THE OFF POSITION. START ALL FOUR BOLTS

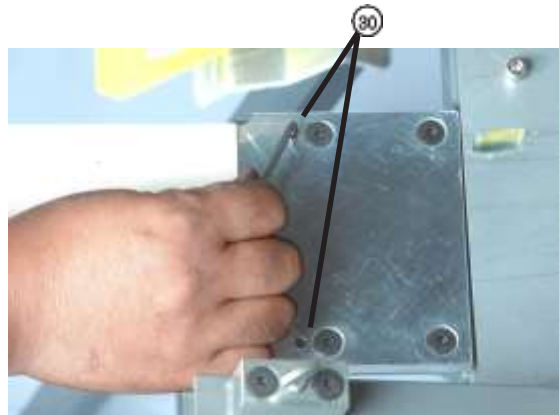
GENTLY TIGHTENING THE TWO REAR BOLTS,

LEAVING THE FRONT TWO VERY LOOSE.

PULL THE HEAD FORWARD AND DOWN COMPLETELY TO INSPECT PALLET FOR

OFF CONTACT/ LEVEL. USING THE TWO PALLET LEVELING ADJUSTMENT SCREWS (30)

YOU CAN MAKE THE PALLET PARALLEL WITH SCREEN FOR OPTIMUM PRINT. LOCK THE TWO FRONT BOLTS AND CHECK ALL FOUR MOUNT BOLTS



TROUBLE SHOOTING

O . YOU CAN CHECK FOR POSSIBLE PROBLEMS BY LOOKING AT STATUS LED'S (26).

WITH THE MACHINE LEFT ON, TURN AIR ON OFF SWITCH (6) OFF.

THIS WILL ALLOW YOU TO MANUALLY PUSH OR PULL THE HEAD AND SQUEEGEE FORWARD AND BACKWARD.

EXAMPLE: PUSHING DOWN MOMENTARILY ON THE SINGLE / AUTOMATIC SWITCH (5)= LED#1 NEEDS TO GO ON AND OFF, IF NOT OPEN CONTROL PANEL DOOR AND INSPECT CONNECTIONS ON SINGLE / AUTOMATIC SWITCH (5)

PULLING THE HEAD FORWARD AND BACKWARD= LED#3 NEEDS TO GO ON AND OFF, IF NOT CHECK HOME LIMIT SWITCH (22)

PULLING THE SQUEEGEE FORWARD AND BACKWARD= LED#2 NEEDS TO GO ON AND OFF, IF NOT CHECK PRINT STROKE ADJUSTMENT LIMIT SWITCH (20)

PULLING THE HEAD COMPLETELY FORWARD AND DOWN= LED#4 NEEDS TO GO ON AND OFF, IF NOT CHECK PRINT START LIMIT SWITCH (21)

WHEN HEAD DRIVE SELONOID IS ACTIVATED = LED#5 COMES ON

WHEN CARRIAGE DRIVE SELONOID IS ACTIVATED = LED#6 COMES ON

