

MODEL	FSM-2 40x60
BALE WEIGHT	60-120 KG
BALE SIZE	40x60x..
CAPACITY	3 - 4 (Ton/Hour)
PROCESSING TIME	90 Saniye
MOTOR POWER	11 KW
MACHINE DIMENSIONS	500X140X240
TOP COVER CYLINDER FORCE	70 Ton
MAIN COMPRESSION FORCE	140 Ton
MAX. WORKING PRESSURE	275 BAR
LOADING APERTURE	60X63X135



- Metal Scrap Baling Press, superior steel construction and hydraulic power combination, offers an effective solution for industrial waste management.
- It enables the baling of metal, chrome, aluminum, copper, tin cans and many other materials.
- Designed with manual and automatic options, the presses can be tailored to meet the needs and preferences of users.
- The durable structure of these presses ensures longevity and durability, while minimizing storage costs by reducing the volume of waste.
- Distinguished by its functional design, these presses serve the goal of reducing costs and minimizing environmental impacts for businesses.

## FSM-2 SERIES METAL WASTE BALER PRESS USER MANUAL

- 1- POUR OIL INTO THE MACHINE UNTIL THE RED LINE ON THE LEVEL INDICATOR ON THE TANK (46 or 68 number hydraulic system oil) AND CHECK THAT THE VALVE ON THE TANK IS OPEN. THE VALVE HANDLE MUST BE IN A STRAIGHT POSITION. TO OPEN THE VALVE, PRESS THE LEFT SIDE (**THE SIDE WITHOUT CONTROL LEVERS**) REMOVE THE BOLTS OF THE PROTECTIVE SHEET AND TIGHTEN THEM AGAIN AFTER THE PROCESS
- 2- ELECTRICAL CONNECTION MUST BE MADE TO THE HYDRAULIC PRESS BY AUTHORIZED AND QUALIFIED PERSONS WITH A SUITABLE CURRENT AND POWER FEEDING CABLE (**ENGINE 11 KW 1400 rpm 380 VOLTS**) IF THE MACHINE IS TO BE WORKED OUTSIDE, A GROUND LINE MUST BE DONE. (NEVER OPERATE THE MACHINE IN RAINY, SNOWY OR HUMID WEATHER.
- 3- MAKE SURE THE EMERGENCY STOP BUTTON IS IN THE OPEN POSITION (TURN THE RED BUTTON TO THE RIGHT TO PUT IT IN THE OPEN POSITION)
- 4- START THE MOTOR BY PRESSING THE BUTTON NEXT TO THE EMERGENCY STOP BUTTON. MAKE SURE THAT
- 5- THE MOTOR IS ROTATING CLOCKWISE. SINCE THERE IS A PHASE PROTECTION RELAY, OTHERWISE THE MOTOR WILL NOT MOVE.
- 6- IF THE ELECTRIC MOTOR DOES NOT WORK, OPEN THE ELECTRIC BOX AND SWITCH TWO OF THE PHASES IN THE FEEDING CABLE, SO THE MOTOR WILL START WORKING AND TURN IN THE CORRECT DIRECTION.
- 7- AFTER ALL OF THESE ARE DONE, MOVE THE HYDRAULIC CONTROL LEVERS UP AND DOWN MANUALLY AT THE FIRST START-UP SO THAT OIL IS FILLED INTO THE MACHINE'S CYLINDERS.
- 8- MOVE BY GIVING MANUAL ARM MOVEMENT. THE FIRST ARM ON THE LEFT MOVES THE FRONT COVER, THE ARM IN THE MIDDLE MOVES THE UPPER COVER, AND THE ARM ON THE RIGHT MOVES THE LOWER MAIN RAM HYDRAULIC CYLINDER. DURING THE FIRST START IN COLD WEATHER, SINCE THE OIL TEMPERATURE IS LOW, DO NOT WORK WITH THE MACHINE UNTIL THE OIL HEATS UP, WAIT UNTIL THE DEGREE ON THE OIL LEVEL INDICATOR IS A MINIMUM OF 20 DEGREES.
- 9- BEFORE FILLING THE GOODS, THE FRONT COVER MUST BE IN DOWN POSITION, THE MAIN CYLINDER SHAKE MUST BE AT THE FULLEST AND THE UPPER COVER MUST BE IN UPRIGHT POSITION. **10-THE FILLING OF THE GOODS SHOULD BE IN A WAY THAT IT DOES NOT EXCEED THE CHAMBER. THE ARM IN THE MIDDLE AFTER FILLING CLOSE THE TOP COVER BY PRESSING DOWN AND USE THE RIGHT LEVER UNTIL THE MAIN RAM REACHES THE MAXIMUM PRESSURE.(250BARS)** IT MUST BE PRESSED WHEN THE PRESSING PROCESS IS FINISHED, THE MAIN CYLINDER HANDLE MUST BE LIFTED UP AND WAIT FOR A FEW SECONDS, OTHERWISE THE FRONT COVER MAY NOT OPEN. THEN THE FRONT COVER HANDLE MUST BE LIFTED UP AND THE COVER MUST BE OPENED. AFTER THE COVER IS COMPLETELY OPENED, THE MAIN RAM HANDLE MUST BE PRESSED IN THE DOWN POSITION AGAIN AND THE PRODUCT MUST BE EJECTED OUT. WHEN THE PROCESS IS FINISHED, THE PRESSED PRODUCT MUST FALL TO THE GROUND. IF IT DOES NOT FALL, THE OPERATOR MUST CHECK THE OUTPUT SECTION AND MUST TAKE THE OUTPUT PRODUCT FROM THE HOPPER.
- 11-IN ORDER TO BE READY FOR PRINTING THE GOODS AGAIN, THE MAIN CYLINDER RAM MUST BE PULLED BACK THEN THE TOP COVER MUST BE TURNED INTO UPRIGHT POSITION AND THE FRONT COVER MUST BE LOWERED **12-THE MACHINE SHOULD NOT BE LEFT UNDER HIGH PRESSURE. AFTER EACH JOB, THE ENGINE SHOULD BE THE PRESSURE INSIDE THE CYLINDERS MUST BE RELIEVED BY STOPPING AND MOVING ALL CONTROL LEVERS UP AND DOWN.**
- 13-IN THE EVENT OF A MALFUNCTION, THE MACHINE WORKS WITH HIGH PRESSURE AND OIL FLOW. WE DO NOT MAKE ANY INTERVENTION WHILE IT IS IN WORKING CONDITION.
- 14-IN CASE OF A FAILURE, THE ELECTRICITY SHOULD BE COMPLETELY CUT OFF BY PRESSING THE EMERGENCY STOP BUTTON. AFTER THE PRESSURE IS RELEASED, IT MUST BE INTERVENED BY AUTHORISED PERSONS
- 15-METAL PROJECTING OUTSIDE THE CHAMBER WITH ITS BLADES LOCATED AROUND THE TOP COVER AND CHAMBER WORKERS MUST USE PROTECTIVE CLOTHES AND ACCESSORIES IN ACCORDANCE WITH OHS RULES SINCE THE CUT PARTS POSE A HAZARD WHEN CUTTING THE PARTS.
- 16-THIS MACHINE IS DESIGNED TO BAL METAL WASTE. OTHER THAN ITS PURPOSE USE IS DANGEROUS AND PROHIBITED IN TERMS OF LIFE AND WORK SAFETY. PRESSURIZED THE CANS ARE NOT SUITABLE FOR BALEING OF FLAMMABLE, COMBUSTIBLE GASES AND LIQUIDS, PETS AND OTHER PRODUCTS AND WASTE THAT REQUIRE DISPOSAL.