



永恆環保機械有限公司 Wingbest Machinery Ltd



Automatic hydraulic Baling Press of Synthetical System

Model type : B-100

Suitable large wasted material recycle field(handling as waste paper, aluminum tin, copper wire, plastic tape, plastic bottle)

Configuration : RF-650-4S Conveyor Belt

U.S.WIRE-TIE 331 System

-----This system only needs one forklift driver to achieve the following production output goal.

| | | | |
|------------|----------------------------------|-------------------------------------|--|
| Baler Spec | Total Power : 75 kw (100 HP) | Main Pressing Power : 140,000kgf | M/C Weight : 14200kg |
| | Inlet Size : 1100W x 1600L | Inlet Capacity : 1.4 M ³ | Compress Weight : 550kg/M ³ |
| | Bale Size : 1100W x 800H x 1100L | Bale Weight (P.bottle) : 490kg±5% | Wire/bale : 4-5x3 wires |

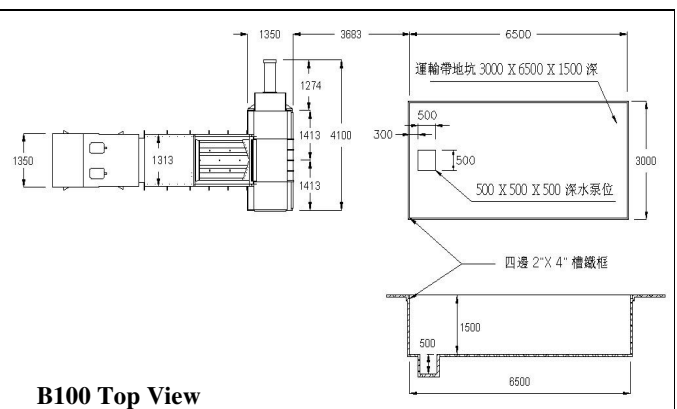
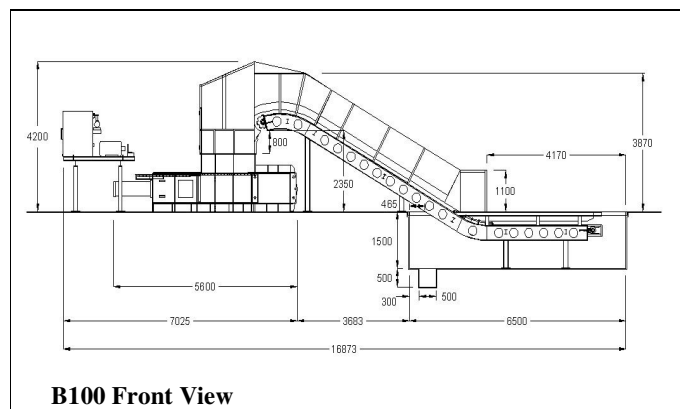
The Main function include :

- ◆ Control Panel adopts PLC computer system can be chosen between automatic & manual operation, it is simple and easy control, safety and reliability.
- ◆ The errors & recovery signal can be shown clearly on dabbing type screen, those protective functions should avoided operation mistake and increase M/C life time.
- ◆ The full-automatic / manual RF650 conveyer belt adopts high load strength belt & install anti-slip flat plate.
- ◆ In order to increase life time, the paper jam / the shear obstacle device has designed to recover automatically which can be made the production running fast & smooth.
- ◆ All kind wasted paper material can be selected suitable range for bale size & weight in compressing channel by customers.
- ◆ US wire-tie 331 system adopts high strength 101-1003-009 case. The wire length counter can be set for selecting material to reduce wire knots and save wire consumption
- ◆ With lower noise design to operate the higher turbo flow, the high flow can increase the utility conversion of main baler speed; the advantage of baler has saved energy, time, manpower, space area and rapid production.
- ◆ Can install the inlet separating system for large wasted material recycle field which bale especially deal with plastic bottle, plastic tape, aluminum tin, copper wire, newspaper, paper, magazine etc.

B-100 Bale Size(M) : 1.1W x 0.8H x 1.1L

M/C Size : 5600 L x 4100 W x 4200 H(mm)

| Output / hr Weight / Bale | 10t / hr Miscellaneous Paper 514kg ± 5% | 10t / hr Newspaper 514kg ± 5% | 6.2-10t / hr Paper 445kg ± 5% | 11t / hr Magazine 530kg ± 5% | 3.7t / hr AL Tin 472kg ± 5% | **t / hr Copper wire **kg ± 5% | 3.8t / hr Plastic tape 468kg ± 5% | 4.6-7t / hr Plastic bottle 490kg ± 5% |
|------------------------------|--|-------------------------------------|-------------------------------------|------------------------------------|-----------------------------------|--------------------------------------|---|---|
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Characteristic of the B-100 Baling Press :

| | | |
|---------------------------|---|---------|
| Main Motor | 100HP/380V/50HZ 3PH | 1 set |
| Conveyor belt Motor | 7.5HP/380V/50HZ 3PH | 1 set |
| Oil Pressure Pump | Main oil pressure blade pump (92 liter/min) | 1 set |
| | Auxiliary oil pressure blade pump (162 liter/min) | 1 set |
| Wire-Tie Machine | U.S. Wire-Tie 331 | 1 set |
| Working Pressure | 225kg/cm | |
| Main Pressing Power | 140,000kgf | |
| Hydraulic Cylinder | Main hydraulic cylinder ϕ 280 x1850mm | 1 piece |
| | Cross-side hydraulic cylinder ϕ 250 x1200mm | 1 piece |
| Hydraulic Parts | Yuken or Vickers hydraulic parts, etc. | |
| Main control component | LG- PLC and 'A-B' control component | |
| Cooling System | 800 Liter water cooler of hydraulic travelling system | 1 set |
| Hydraulic Oil | AW68 of petroleum | |
| Capacity of the fuel tank | 1400 liters (please keep oil level on upper limit for normal condition) | |
| Max Oil Temp. | >65°C (over 65°C would be alerted by alarm signal) | |
| Bale Size (mm) | 1100Wx 800Hx 1100L | |
| Bale Weight | Plastic Bottle approx. 490 kg \pm 5% | |
| Bale Speed | 4.6-10 ton/hr | |
| Wire Diameter Spec. | 2.8-3.2mm (2 times wire special treatment, 4-5 straps of bale tie) | |
| The Roll Of Wire Spec. | 720mm external dia. \times 500mm internal dia. (need to hold one roll before operation) | |

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