

Rowland Engineering Baling & Conveying Solutions



Rowland Engineering offers a comprehensive range of services, including:

- **Design & Engineering Services**
- **Equipment Supply & Installation**
 - Auto Tie Horizontal Balers
 - Closed Door Manual Tie Balers
 - Twin Ram Balers
 - Feed Conveyor Systems



Model: **OB-0505F**

Main Cylinder Size:	Ø125 x 900st
Horsepower	10HP/20HP (7.5KW)/(15KW)
Feed Opening (mm):	625 x 460
Bale Chamber (mm):	500x500x900
Bale Dimensions (mm):	500x500xL*
Bale Density (O.C.C.):	400~550 kg/m ³
Cycle Time (Unload):	19 sec
Capacity (Tons per Hour):	1~1.5 / 1.7~2.5
Number of Ties:	3

*L = adjustable bale length



Model: **OB-7575F (S)** **OB-7575F-II**

Main Cylinder Size:	Ø180 x 1600st	Ø180 x 1600st
Horsepower	20HP 30HP 40HP (15KW) (22.5KW) (20KW)	20HP 30HP 40HP (15KW) (22.5KW) (30KW)
Feed Opening (mm):	1025x710	1000x1485
Bale Chamber (mm):	750x750x1600	750x750x1600
Bale Dimensions (mm):	750x750xL*	750x750xL*
Bale Density (O.C.C.):	400~550 kg/m ³	400~550 kg/m ³
Cycle Time (Unload):	18sec 13sec 10sec	26sec 18sec 14sec
Capacity (Tons per Hour):	2~3, 3~4, 4~5	2 - 3 - 4
Number of Ties:	4	4

*L = adjustable bale length



Model: **OB-1108FX**

Main Cylinder Size:	Ø224 x 2400st	Ø224 x 2900st
Horsepower	40HP (30KW)	60HP (45KW)
Feed Opening (mm):	1800x1020	1800x1020
Bale Chamber (mm):	1100x750x2400	1100x750x2400
Bale Dimensions (mm):	110x750xL*	1100x750xL*
Bale Density (O.C.C.):	400~550 kg/m ³	400~550 kg/m ³
Cycle Time (Unload):	18sec	15.3sec
Capacity (Tons per Hour):	5~6	9~12
Number of Ties:	4	4

*L = adjustable bale length



Model: **OB-1111FX**

Main Cylinder Size:	Ø250 x 2400st	Ø250 x 2400st
Horsepower	80HP 120HP 180HP (30KWx2) (40KWx2) (45KWx3)	80HP 120HP 180HP (30KWx2) (40KWx2) (45KWx3)
Feed Opening (mm):	1800x1020	1800x1020
Bale Chamber (mm):	1100x1100x2400	1100x1100x2400
Bale Dimensions (mm):	110x1100xL*	1100x1100xL*
Bale Density (O.C.C.):	400~550 kg/m ³	400~550 kg/m ³
Cycle Time (Unload):	14sec 9.6sec 9.5sec	10.5sec 7.2sec 7.1sec
Capacity (Tons per Hour):	10~27	10~27
Number of Ties:	5	5

*L = adjustable bale length



Model:

OB-1175TR-Twin Ram

Main Cylinder Size:	250 Dia
Horsepower	80HP 120HP 180HP
Feed Opening (mm):	1800x1020 & 2100x1420
Bale Chamber (mm):	750x1100x3550 & 750x1500x3550
Bale Dimensions (mm):	800x1100x1400 & 800x1500x1100
Bale Density:	500-700 kg/m ³
Cycle Time (Unload):	15 sec
Capacity (Tons per Hour):	6-15
Number of Ties:	Programmable



Model:

OBP-7511CL-Closed Door

Main Cylinder Size:	Ø224 x 2400st	
Horsepower	40HP (30KW)	40HPx2 (30KWx2)
Feed Opening (mm):	660x1050	
Bale Chamber (mm):	710x1050x1400	
Bale Dimensions (mm):	750x1100x1300	
Bale Density:	400~550 kg/m ³	
Cycle Time (Unload):	18sec	13sec
Capacity (Tons per Hour):	2~5	4~6
Number of Ties:	5	5



Model:

OB-1175CL-Closed Door

Main Cylinder Size:	250 Dia
Horsepower	40HP 60HP 80HP
Feed Opening (mm):	1600x1020
Bale Chamber (mm):	750x1100x3200
Bale Dimensions (mm):	800x1150x1300
Bale Density:	500-720 kg/m ³
Cycle Time (Unload):	19 sec
Capacity (Tons per Hour):	3-7
Number of Ties:	4



Model:

OB-7575CL-Closed Door

Main Cylinder Size:	250 Dia
Horsepower	40HP
Feed Opening (mm):	800x710
Bale Chamber (mm):	750x750x2200
Bale Dimensions (mm):	800x800x950
Bale Density:	500-720 kg/m ³
Cycle Time (Unload):	22 sec
Capacity (Tons per Hour):	1-3
Number of Ties:	4





Above ground end push conveyor with heavy duty inclined ramp. 1500mm wide live feed area, 15,000LB chain, 28deg incline with straight head. Prefabricated bolted sectional push walls 1500mm and 2400mm high.



Above ground with 5 metre heavy duty ramp and horizontal feed section. 1800mm wide live feed area, 30,000LB chain, 28deg incline with curved head section complete with access ladder, service platform and head conveyor access.



Below Ground with horizontal feed section and secondary horizontal sort section. 1800mm wide live width x 28 deg incline curved head section.



Below ground with 10 metre horizontal feed section deep pit design. 1800mm wide live width x 28 deg incline curved head section. 5mm slats with 65,000LB chain.

