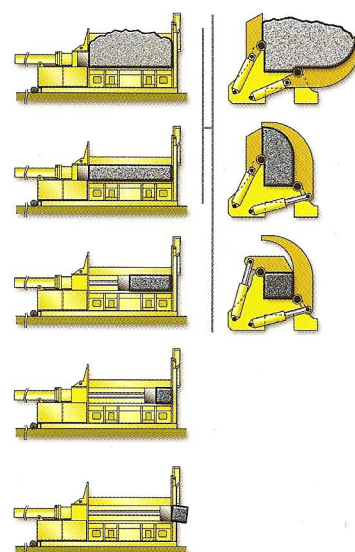
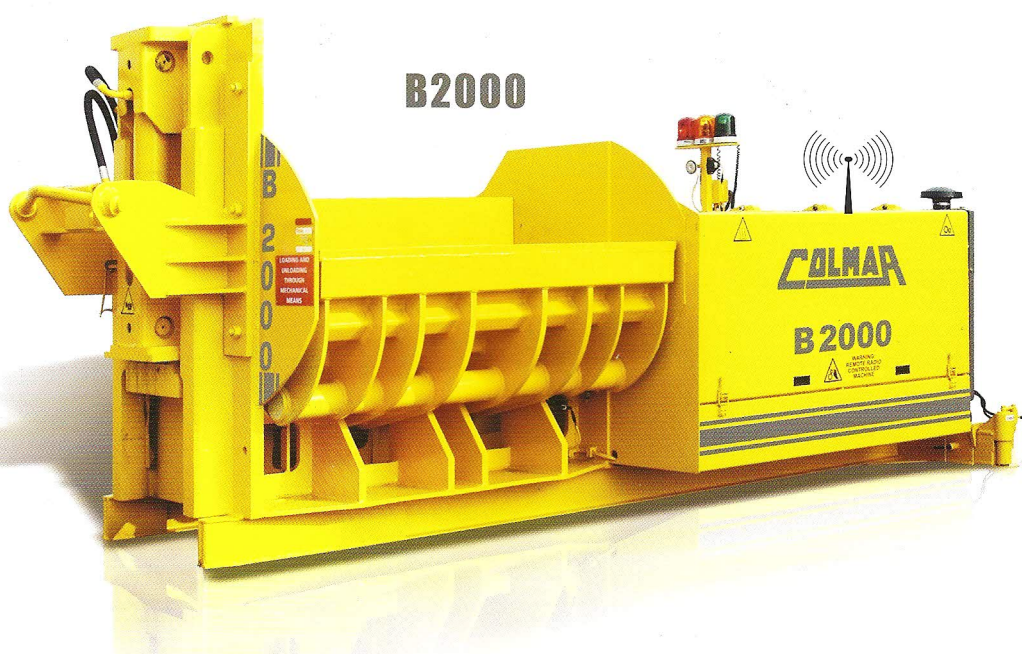


AUTOMATIC COMPACTING BALERS

Balers

COLMAR balers are used as compactors in the scrap metal industry for the recovery of waste from industrial processes, or in the recycling of aluminium cans or other compactable materials. The balers can be equipped with an integral mechanical crane for loading materials, or can be fed by an industrial loader. The produced cube of compacted materials drastically reduces transport and storage costs.



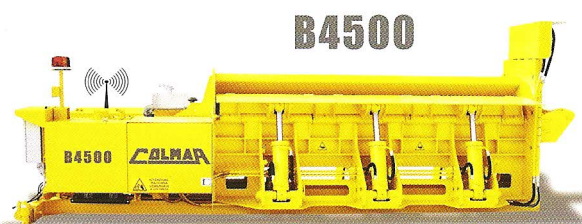
Compacting baler sequence
(for B2000, B3000 and B4500)

Remote control with automatic functions

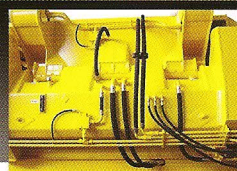
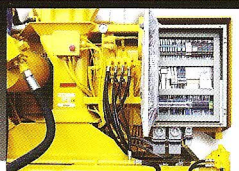
After loading, the machine's compacting cycle can be controlled via a remote sequential procedure. The remote control is essential when the operator is controlling the machine from the loader used to feed the baler.



Roll-on-roll-off system



B3000



AUTOMATIC COMPACTING BALERS

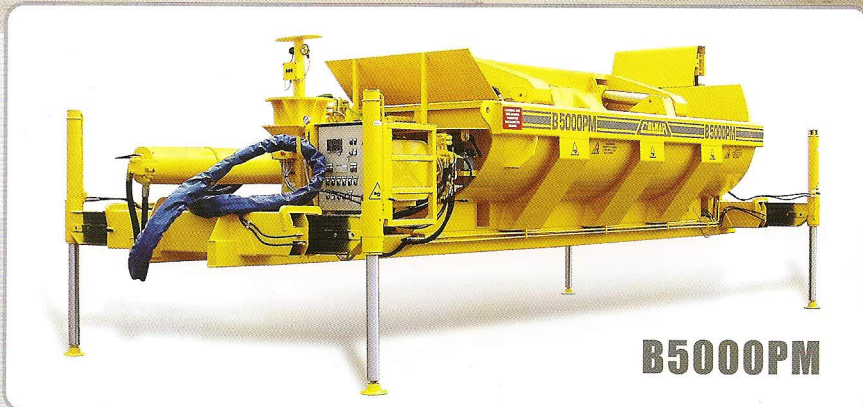


Transportation

All balers (except the model B5000 HD) can be easily loaded onto and unloaded from normal trucks, thanks to the roll-on-roll-off system. On request, they can be fixed on a suitable truck, trailer, or semi-trailer. The B5000 HD model can be fixed onto a suitable trailer or semi-trailer.



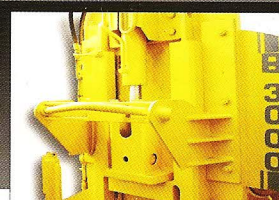
B5000



B5000PM



The Lifting Cylinders equipment: Balers can be equipped with four lifting cylinders in order to load and unload from a standard semi-trailer. In this case, the baler automatically lifts with no use of a crane, the truck then can easily move under the machine, after which the lifting cylinders retract and the baler is ready to be moved.

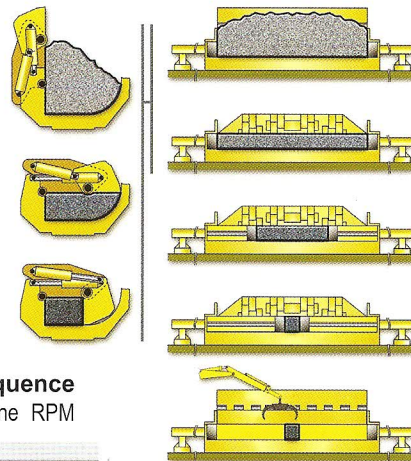


AUTOMATIC COMPACTING BALERS

Automatic baler model B6200SW

The great utility of this machine, which is equipped with 2 large diameter axial pushing pistons, is evidenced in its considerable compaction power of the scrap material within a small axial space. This makes it possible to install the machine on suitable semi-trailers in order to transport it.

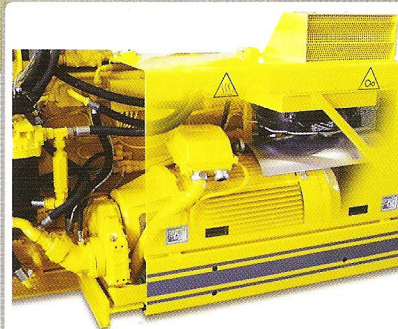
Moreover, its per-hour-output, is very high and the baled material can be collected in the middle of the container, which makes loading and unloading the baler much easier.



Automatic compaction sequence

- Baling
- Doors opening
- Reduction to the minimum of the engine RPM

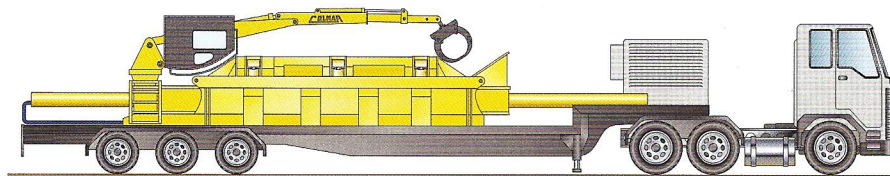
B6200SW



On request all balers and shear balers can be equipped with the following option:
electrical engine
380/480 V - 50/60 Hz voltage.

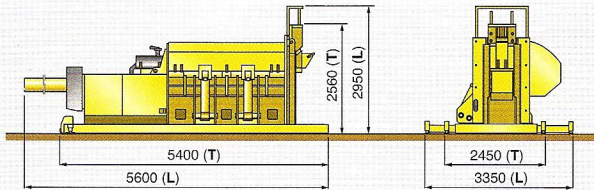
Portability

This range of balers can be permanently installed on a semi-trailer, in order to be transported to other locations. The machine works autonomously through its hydraulic system which is built in the trailer and the loading boom arm for the handling of the scrap material.

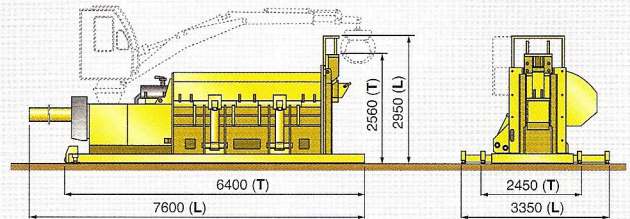


AUTOMATIC BALERS

B2000

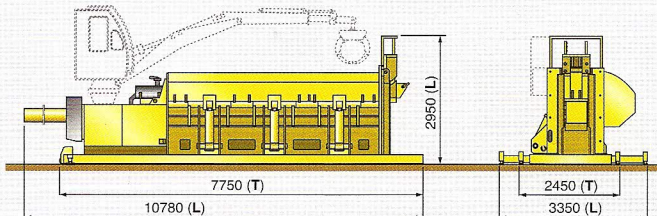


B3000

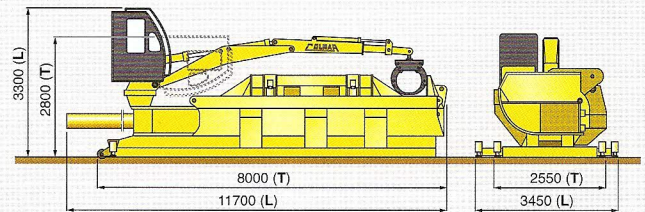


(T) = transportation configuration
(L) = working configuration

B4500



B5000



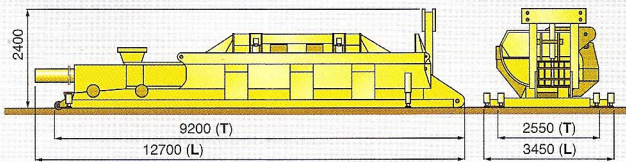
	B2000	B3000	B4500
Operating characteristics			
Max force 1. and 2. door	100 ton/each	100 ton/each	150 ton/each
Max force pushing piston	90 ton	105 ton	105 ton
Dimension of baled material	300 x 300 mm	460 x 460 mm	460 x 460 mm
Output (*)	1,5 - 3,0 ton/h	3,0 - 7,0 ton/h	4,0 - 8,0 ton/h
Average fuel consumption	10,0 lt/h	10,0 lt/h	10,0 lt/h
Technical specification			
Weight	14.000 kg	16.000 kg	21.500 kg
Length of container	2.000 mm	3.000 mm	4.500 mm
Structure	S355J2G3	S355J2G3	S355J2G3
Container	Hardox® 400	Hardox® 400	Hardox® 400
Diesel engine	turbo-charged direct injection	turbo-charged direct injection	turbo-charged direct injection
Engine power	106 kW - 2200 Rpm	106 kW - 2200 Rpm	106 kW 2200 Rpm
Number of cylinders/cubic capacity	4 / 4400 cmc	4 / 4400 cmc	4 / 4400 cmc
Engine cooling system	cooling liquid	cooling liquid	cooling liquid
Hydraulic system valves	6 way control valve	6 way control valve	6 way control valve
Operating pressure hydraulic system	240 bar	240 bar	240 bar
Cooling of hydraulic oil system	air/oil cooler	air/oil cooler	air/oil cooler
Hydraulic oil tank capacity	500 L	500 L	580 L
Hydraulic oil circuit total capacity	600 L	650 L	700 L
Fuel tank capacity	190 L	190 L	190 L
Accessories			
Standard	HB	HB	
Optional	WH - ES - IB - R2 - LC - AV ACC - RC - AG - EE (90 kW)	WH - ES - IB - R2 - LC - AV - ACC RC - R - AG - AC - LBA - EE (90 kW)	IB - R4 - LC - AV - WH - ES - ACC RC - R - AG - AC - LBA - EE (90 kW)

LBA = Loading boom arm (weight 2500Kg), RC = Remote control, HB = hydraulic bulk, EE = Electrical engine, ACC = Automatic compacting cycle, AG = Automatic greasing system, R4 = Roll on roll off with 2 rear stabilizers and 2 front stabilizers, ER2 = Europe roll on roll off with 2 rear stabilizers, ES = Electric hydraulic oil heating system,

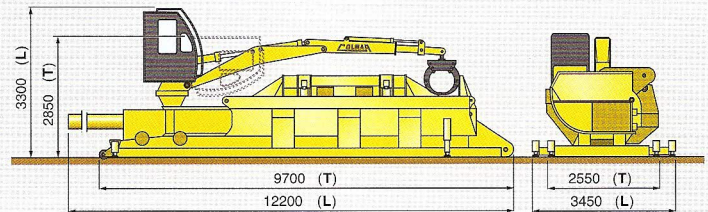
(*) The output values may vary depending on the properties of the material treated and working conditions.

AUTOMATIC BALERS

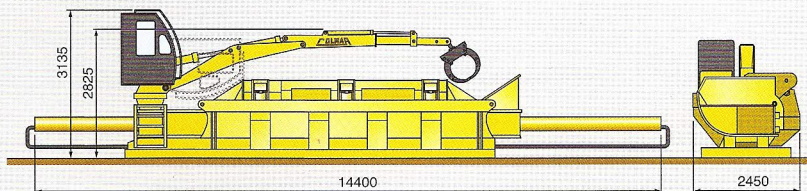
B5000PM



B5500



B6200SW



B5000	B5000PM	B5500	B6200SW
175 ton/each	175 ton/each	175 ton/each	630 ton
110 ton	110 ton	110 ton	2 x 137 ton
860 x 640 mm	860 x 640 mm	860 x 640 mm	860 x 640 mm
10,0 - 14,0 ton/h	10,0 - 14,0 ton/h	9,0 - 15,0 ton/h	9,0 - 16,0 ton/h
10,0 lt/h	10,0 lt/h	11,0 lt/h	19,5 lt/h
22.500 kg	20.000 kg	25.000 kg	40.800 kg
5.000 mm	5.000 mm	5.500 mm	6.200 mm
S355J2G3	S355J2G3	S355J2G3	S355J2G3
Hardox® 450	Hardox® 450	Hardox® 450	Hardox® 450
turbo-charged direct injection	turbo-charged direct injection	turbo-charged electronic injection	turbo-charged electronic injection CDI
106 kW - 2200 Rpm	106 kW 2200 Rpm	106 kW 2200 Rpm	169 kW 2200 Rpm
4 / 4400 cmc	4 / 4400 cmc	4 / 4400 cmc	6 / 6000 cmc
cooling liquid	cooling liquid	cooling liquid	cooling liquid
6 way control valve	6 way control valve	DENISON manifold	DENISON manifold
250 bar	250 bar	250 bar	280 bar
air/oil cooler	air/oil cooler	air/oil cooler	air/oil cooler
450 L	450 L	700 L	1000 L
800 L	750 L	1100 L	1600 L
190 L	190 L	190 L	240 L
	HB		IB - ACC
IB - R4 - LC - AV - WH - ES - ACC	IB - R4 - LC - AV - WH - ES - ACC	IB - R4 - LC - AV - WH - ES - ACC - RC	LC - AV - WH - ES - RC - LBA
RC - R - AG - AC - LBA - EE (90 kW)	RC - R - AG - AC - LBA - EE (90 kW)	LBA - R - AG - AC - HB - EE (90 kW)	R - ACC - AC - EE (2X55 kW) (+1)

WH = Hydraulic oil heating system, AC = Air conditioner, R = Radio, LC = 4 lifting cylinders, AV = Application on vehicle,
 IB = 1 beam for fixation on basement, R2 = Roll on roll off with 2 rear stabilizers.