

SELECTION GUIDE

FOR BALERS & COMPACTORS



 ORWAK®

ORWAK SOLUTIONS

Our compaction and baling solutions make a significant contribution to effective and efficient waste management, sustainable business practices, the well-being of employees, and compliance with environmental regulations. So although compacting and baling materials is about making something that's more into less, what we've learned over the years is that less also results in more benefits for our customers.

ORWAK BENEFITS

+ More productivity

Less time spent on waste handling means more time for the staff to concentrate on core activities.

+ More space & order

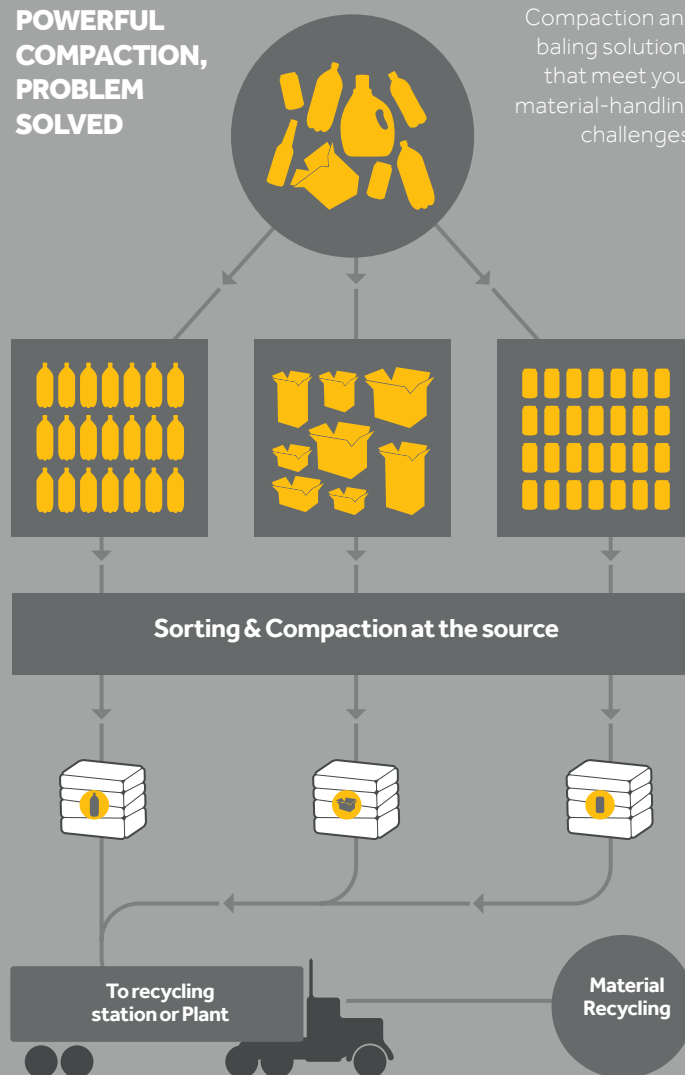
Highly compacted bales, bags or briquettes require much less space than loose waste. The volume reduction contributes to more productive use of space for stock-in-trade and production.

+ Less costs, more value

Compacted waste requires fewer waste pick-ups, which results in lower transportation costs and reduced CO2 emissions. Sorting at source yields a higher quality of waste material for recycling.

**POWERFUL
COMPACTION,
PROBLEM
SOLVED**

Compaction and
baling solutions
that meet your
material-handling
challenges.





	TOM 1040	ORWAK COMPACT 3110	ORWAK COMPACT 3115	ORWAK COMPACT 3210
Waste material	Front loaded	Front loaded	Front loaded	Front loaded
Cardboard				
Plastic foil				
Print trimmings				
Aluminum shavings				
Dry and combustible				
Metal cans				
Mixed waste				
Aluminum cans				
PET				
Recommended amount cardboard: tons/year		Up to 15	Up to 20	Up to 25
Loading aperture WxH mm	W = 402	704x458	800x460	800x500
Bale size WxDxH mm (in machine)		700x500x600	800x600x600	800x600x700
Bale weight cardboard (kg) plastic (kg)		Up to 50 kg Up to 70 kg	Up to 60 kg Up to 85 kg	Up to 80 kg Up to 110 kg
Compaction ratio (up to) cardboard plastic	7:1	7:1 10:1	5:1 10:1	5:1 10:1
Press force (HP) ton kg/cm ²		4 (40 kN) 1.15	6 (60 kN) 1.36	12 (120 kN) 2.65
Machine dim./in use Transport H (mm) HxWxD (mm) Emptying H (mm)	1620 incl pallet 1445-1480x595x722	1990 1990x866x680	1990 1990x940x790	2150 (1795 ¹) 2150x1081x843
Weight (machine)	112 kg	340 kg	380 kg	660 kg
Operating power Connection Plug Fuse Motor capacity	100-240 V Plug 10 A	230/240 V Plug 10 A 1.1 kW	230/240 V Plug 10 A 1.1 kW	3x400 V 5-pin CEE/plug/16 A 10 A 4 kW
Cycle time	15 s	33 s	33 s	13 s
Noise level	54 dB (A)	62.3 dB (A)	57 dB (A)	62.4 dB (A)
Bin size				
Straps/Bags Type	290 liter bags	Cardboard/plastic VG9	Cardboard/plastic VG9 alt. VG13	Cardboard/plastic VG13/13HD
Number	1	2	2	2
Removal from delivery truck Requirement	Tail lift + hand pallet truck	Tail lift + hand pallet truck	Tail lift + hand pallet truck	Tail lift + hand pallet truck

■ = Perfect choice

■ = OK to use

Blank = Should not be used

¹ Can be ordered (stripped version)



ORWAK POWER 3320

ORWAK POWER 3325

ORWAK POWER 3420

ORWAK POWER 3620

ORWAK POWER 3820

Waste material

Front loaded

Front loaded

Front loaded

Front loaded

Front loaded

Cardboard

Plastic foil

Print trimmings

Aluminum shavings

Dry and combustible

Metal cans

Mixed waste

Aluminum cans

PET

Recommended amount
cardboard: tons/year

Up to 60

Up to 60

Up to 70

Up to 80

Up to 120

Loading aperture

WxH mm

1200x510

1200x520

1200x520

1200x600

1500x630

Bale size

WxDxH mm (in machine)

1200x800x1150

1200x800x1150

1200x800x1150

1200x800x1140

1500x800x1140

Bale weight

cardboard (kg)

plastic (kg)

Up to 200 kg

Up to 400 kg

Up to 400 kg

Up to 450 kg

Up to 500 kg

Compaction ratio (up to)

cardboard

plastic

5:1

5:1

7:1

10:1

5:1

Press force (HP)

ton

kg/cm²

18.5 (185 kN)

26 (260 kN)

26 (260 kN)

52 (520 kN)

26 (260 kN)

2.25

2.04

2.04

4.86

2.04

Machine dim./in use

Transport H (mm)

HxWxD (mm)

Emptying H (mm)

1980²1980²1980²1980²1980²

1980x1775x1060

2380x1775x1060

2380x1775x1060

2481x1900x1050

2576x2075x1060

Weight (machine)

985 kg

1080 kg

1080 kg

1520 kg

1220 kg

Operating power

Connection

Fuse

Motor capacity

3x400 V

3x400 V

3x400 V

3x400 V

3x400 V

5-pin CEE/plug/16 A

5-pin CEE/plug/16 A

5-pin CEE/plug/16 A

5-pin CEE/plug/16 A

5-pin CEE/plug/16 A

16 A

16 A

16 A

16 A

16 A

4.6 kW

4.6 kW

4.6 kW

4.6 kW

4.6 kW

Cycle time

26 s

24 s

24 s

46 s

24 s

Noise level

≤65 dB (A)

≤65 dB (A)

≤65 dB (A)

≤65 dB (A)

≤65 dB (A)

Bin size

Straps/Bags

Type

Cardboard/plastic

Cardboard/plastic

Cardboard/plastic

Cardboard

Cardboard

Number

4

4

4

4

4

Removal from

delivery truck

Requirement

Loading dock
+ hand pallet truck
alt. forkliftLoading dock
+ hand pallet truck
alt. forkliftLoading dock
+ hand pallet truck
alt. forkliftLoading dock
+ hand pallet truck
alt. forkliftLoading dock
+ hand pallet truck
alt. forklift

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¹ Can be ordered (stripped version)² Transport feet add 70 mm
but can be removed after unloading³ For double chamber
depth incl. strap holders



	ORWAK MULTI 5070	ORWAK MULTI 5070-COMBI	ORWAK MULTI 5070-HDC	ORWAK MULTI 9020S
Waste material	Top loaded	Top loaded	Top loaded	Top loaded
Cardboard				
Plastic foil				
Print trimmings				
Aluminum shavings				
Dry and combustible				
Metal cans				
Mixed waste				
Aluminum cans				
PET				
Recommended amount cardboard: tons/year	Up to 20	Up to 20	Up to 30	Up to 60
Loading aperture WxH mm	700(w)x500(d)	700(w)x500(d)	700(w)x500(d)	1100(w)x700(d)
Bale size WxDxH mm (in machine)	700x500x700	700x500x700	700x500x700	1100x700x800
Bale weight cardboard (kg) plastic (kg)	Up to 50 kg Up to 80 kg	Up to 50 kg Up to 80 kg	Up to 80 kg Up to 100 kg	Up to 200 kg Up to 300 kg
Compaction ratio (up to) cardboard plastic	4:1 10:1	4:1 10:1	5:1 10:1	7:1 10:1
Press force (HP) ton kg/cm ²	3 (30 kN) 1.0	3 (30 kN) 1.0	10 (100 kN) 2.86	20 (200 kN) 2.6
Machine dim./in use Transport H (mm) HxWxD (mm) Emptying H (mm)	2160 2160x1740x880 ³ 2160	2265 2265x2550x920 ⁴ 2265	2220 2220x1740x830 ³ 2220	1900 ¹ 2470x2480x1135 ³ 1900
Weight (machine)	522 kg ³	803 kg ⁴	850 kg ³	1580 kg ³
Operating power Connection Fuse Motor capacity	230/240 V Plug 10 A 1.1 kW	230/240 V Plug 10 A 1.1 kW	3x400 V CEE/plug/16 A 10 A 3 kW	3x400 V CEE/plug/16 A 10 A 3 kW
Cycle time	36 s	36 s	20 s	35 s
Noise level	<70 dB (A)	<70 dB (A)	<72 dB (A)	<72 dB (A)
Bin size		660 liter		
Straps/Bags Type	Cardboard/plastic VG13	Cardboard/plastic VG13	Cardboard/plastic VG13/13HD	Cardboard/plastic VG13/13HD
Number	4	2	6	8
Removal from delivery truck Requirement	Tail lift + hand pallet truck	Tail lift + hand pallet truck	Tail lift + hand pallet truck	Loading dock + hand pallet truck alt. forklift

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= OK to use

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³ For double chamber
depth incl. strap holders

⁴ For Combi model 1+1



ORWAK FLEX 4110



ORWAK FLEX 5010-E



ORWAK FLEX 5030



ORWAK FLEX 5031

Waste material **Top loaded**

Cardboard			
Plastic foil			
Print trimmings			
Aluminum shavings			
Dry and combustible			
Metal cans			
Mixed waste			
Aluminum cans			
PET			

Recommended amount
cardboard: tons/year

Up to 15

Up to 10

Loading aperture
WxH mm

683xapprox.500

500(w)x700(d)

ø500

500(w)x500(d)

Bale size
WxDxH mm (in machine)

700x500x700

500x500x700

Bale weight
cardboard (kg)
plastic (kg)

Up to 60 kg
Up to 80 kg

Up to 40 kg
Up to 60 kg

Compaction ratio (up to)
cardboard
plastic

4:1-8:1

4:1
10:1

10:1

4:1
10:1

Press force (HP)
ton
kg/cm²

3 (30 kN)
0.9 (660 L)/ 0.5 (1100 L)

3 (30 kN)
1.0

3 (30 kN)
1.5

3 (30 kN)
1.5

Machine dim./in use
Transport H (mm)
HxWxD (mm)
Emptying H (mm)

1900
2479 ⁵x1396x1730

2140
2140x910x1110

1940
1940x760x1045
2660

1940
1940x785x1033
2660

Weight (machine)

approx. 550 kg

370 kg

262 kg

285 kg

Operating power

230/240 V

230/240 V

230/240 V

230/240 V

Connection

Plug

Plug

Plug

Plug

Fuse

10 A

10 A

10 A

10 A

Motor capacity

1.1 kW

1.1 kW

1.1 kW

1.1 kW

Cycle time

32 s

36 s

36 s

36 s

Noise level

62.4 dB (A)

<70 dB (A)

<62 dB (A)

62 dB (A)

Bin size

660 alt 1100 liter

Straps/Bags
Type

Cardboard/plastic
VG13

200 liter bags

Cardboard/plastic
VG9/VG13/410 liter bags

Number

2

1

1/2

**Removal from
delivery truck**

Requirement

Loading dock
+ hand pallet truck

Tail lift
+ hand pallet truck

Tail lift
+ hand pallet truck

Tail lift
+ hand pallet truck

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⁵ 1100 L (2459 mm for 660 L)

All machine dimensions are specified with the front door open



	BRICKMAN 300	BRICKMAN 900K	BRICKMAN 1200K	BRICKMAN 2000K
Waste material	Top loaded	Top loaded	Top loaded	Top loaded
Cardboard				
Plastic foil				
Print trimmings				
Aluminum shavings				
Dry and combustible				
Metal cans				
Mixed waste				
Aluminum cans				
PET				
Recommended amount cardboard: tons/year	Capacity: up to 250 kg/h	Capacity: up to 750 kg/h	Capacity: up to 1100 kg/h	Capacity: up to 1500 kg/h
Loading aperture WxH mm	600(w)x900(d)	1300(w)x1900(d)	1300(w)x1900(d)	1300(w)x1900(d)
Bale size WxDxH mm (in machine)	Briquette 80x80x100-300	Briquette 200x200x100-300	Briquette 200x200x100-300	Briquette 200x200x100-300
Bale weight cardboard (kg) plastic (kg)				
Compaction ratio (up to) cardboard plastic	Up to 20:1	Up to 20:1	Up to 20:1	Up to 20:1
Press force (HP) ton kg/cm ²	25 (250 kN) 500	25 (250 kN) 62	25 (250 kN) 62	25 (250 kN) 62
Machine dim./in use Transport H (mm) HxWxD (mm) Emptying H (mm)	2000 2270x3040x1440	2000 2470x5710x2430	2000 2470x5710x2430	2000 2470x6300x2430
Weight (machine)	1600 kg	3700 kg	3800 kg	4000 kg
Operating power Connection Fuse Motor capacity	3x400V CEE/plug/32 A 25 A 7.5 kW	3x400V CEE/plug/32 A 25 A 7.5 kW	3x400V CEE/plug/63 A 40 A 11 kW	3x400V CEE/plug/63 A 40 A 18.5 kW
Cycle time	16s	28 s	28 s	20 s
Noise level	68 dB	68 dB	68 dB	80 dB
Bin size				
Straps/Bags Type Number				
Removal from delivery truck Requirement	2-ton counterweight forklift	3-ton counterweight forklift	3-ton counterweight forklift	3-ton counterweight forklift

For more info. contact us or visit our website www.orwak.com. We reserve the right to make changes to specifications without prior notice. Bale/bag/bin weights are dependent upon material type.



MORE PROFITABLE WASTE MANAGEMENT



COMPACTION SOLUTIONS FOR MOST TYPES OF WASTE

ORWAK develops solutions for sorting and recycling waste materials that improve business efficiency, contribute to a cleaner working and natural environment to provide the best total waste handling economy.

We offer an innovative range of products that promotes sorting at source and make waste management more profitable.

www.orwak.co.nz



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