

# 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

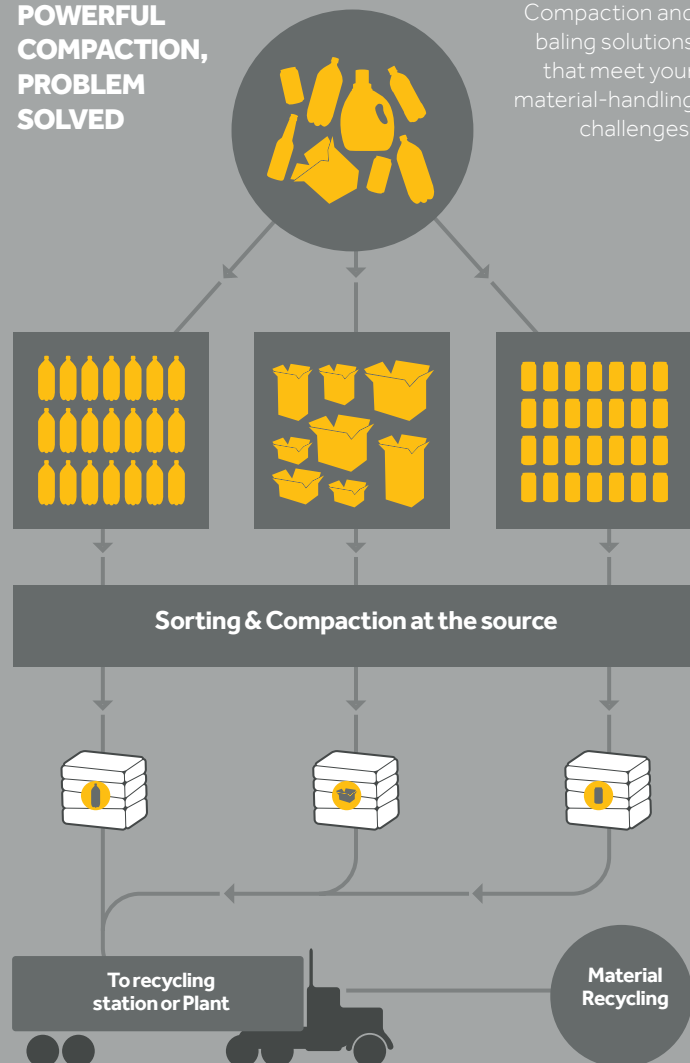
Highly compacted bales, bags or briquettes require much less space than loose waste. The volume reduction contributes to more productive use of space for stock-in-trade and production.

### + Less costs, more value

Compacted waste requires fewer waste pick-ups, which results in lower transportation costs and reduced CO<sub>2</sub> 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 / TOM JR**  
Front loaded

**ORWAK COMPACT 3110**  
Front loaded

**ORWAK COMPACT 3115**  
Front loaded

**ORWAK COMPACT 3120**  
Front loaded

**ORWAK COMPACT 3210**  
Front loaded

Waste material	TOM 1040 / TOM JR	ORWAK COMPACT 3110	ORWAK COMPACT 3115	ORWAK COMPACT 3120	ORWAK COMPACT 3210
Cardboard					
Plastic film/pallet wrap					
Shredded paper/ trimmings					
Aluminum shavings					
Dry general waste					
Food cans/metal cans					
Mixed waste					
Aluminum cans					
PET					
<b>Recommended amount</b> cardboard: lbs/year		Up to 33,000	Up to 44,000	Up to 55,000	Up to 55,000
<b>Loading aperture</b> WxH alt WxD	W = 16"	28"x18"	31"x18"	40"x18"	31"x19"
<b>Bale size</b> WxDxH (in machine)		28"x20"x23"	32"x24"x23"	40"x28"x32"	32"x24"x28"
<b>Bale weight</b> cardboard plastic		Up to 110 lbs Up to 155 lbs	Up to 130 lbs Up to 190 lbs	Up to 220 lbs Up to 286 lbs	Up to 180 lbs Up to 245 lbs
<b>Compaction ratio (up to)</b> cardboard plastic	7:1	7:1 10:1	5:1 10:1	5:1 10:1	5:1 10:1
<b>Press force (HP)</b> lbs (Cardboard) lbs/in <sup>2</sup>		8 800 lbs 16.36	13 200 lbs 19.34	13 200 lbs 12.49	26,400 lbs 37.7
<b>Machine dim./in use</b> Transport H HxWxD Emptying H	5'4" incl pallet 4'9"-4'11"x24"x29" JR: 4'4"-4'5"x25"x28"	6'7" 6'7"x34"x27"	6'7" 6'7"x37x31	7'7" (6'7" on demand <sup>1</sup> ) 7'7"x47x36	7'1" (5'11" <sup>1</sup> ) 7'1"x43"x34"
<b>Weight (machine)</b>	246 lbs/318 lbs	750 lbs	838 lbs	1279 lbs	1455 lbs
<b>Operating power</b> Connection Fuse Motor capacity	100-240 V Plug 10 A	115 V, 60 Hz Plug 15 A	115 V, 60 Hz Plug 15 A	115 V, 60 Hz Plug 15 A	3x208 V, 60 Hz Hardwired 10 A
<b>Cycle time</b>	15 s	33 s	33 s	33 s	13 s
<b>Noise level</b>	54 dB (A)	62.3 dB (A)	57 dB (A)	62.3 dB (A)	62.4 dB (A)
<b>Bin size</b>					
<b>Straps/Bags</b> Type	76 gallon bags	Cardboard/plastic VG9	Cardboard/plastic VG9 alt. VG13	Cardboard/plastic VG13	Cardboard/plastic VG13/13HD
Number	1	2	2	3	2
<b>Removal from delivery truck</b> Requirement	Tail lift + Euro pallet jack	Tail lift + Euro pallet jack	Tail lift + Euro pallet jack	Tail lift + Euro pallet jack	Tail lift + Euro pallet jack

■ = Perfect choice

■ = OK to use

Blank = Should not be used

<sup>1</sup> Can be ordered (stripped version)

All machine dimensions are specified with the front door closed



**ORWAK POWER 3320**  
Front loaded

**ORWAK POWER 3325**  
Front loaded

**ORWAK POWER 3420**  
Front loaded

**ORWAK POWER 3620**  
Front loaded

**ORWAK POWER 3820**  
Front loaded

**Waste material**

Cardboard	Green	Green	Green	Green	Green
Plastic film/pallet wrap	Green	Green	Green	Yellow	Yellow
Shredded paper	Green	Green	Green	Green	Green
Aluminum shavings	Green	Green	Green	Green	Green
Dry general waste	Green	Green	Green	Green	Green
Food cans/metal cans	Yellow	Yellow	Blank	Blank	Blank
Mixed waste	Green	Green	Green	Green	Green
Aluminum cans	Green	Green	Green	Green	Green
PET	Green	Green	Green	Green	Green

**Recommended amount**  
cardboard: lbs/year

Up to 132,000	Up to 132,000	Up to 154,000	Up to 176,000	Up to 264,000
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**Loading aperture**  
WxH alt WxD

47"x20"	47"x20"	47"x20"	47"x24"	60"x26"
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**Bale size**  
WxDxH (in machine)

47"x32"x45"	47"x32"x45"	47"x32"x45"	47"x32"x45"	60"x32"x45"
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**Bale weight**  
cardboard  
plastic

Up to 440 lbs	Up to 900 lbs Up to 1000 lbs	Up to 900 lbs Up to 1000 lbs	Up to 1000 lbs	Up to 1100 lbs
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**Compaction ratio (up to)**  
cardboard  
plastic

5:1 10:1	5:1 10:1	7:1 10:1	10:1	5:1
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**Press force (HP)**  
lbs  
(Cardboard) lbs/in<sup>2</sup>

40,700 lbs	57,320 lbs	57,320 lbs	114,640 lbs	57,320 lbs
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**Machine dim./in use**  
Transport H  
HxWxD  
Emptying H

6'6" <sup>2</sup> 6'6"x70"x42"	6'6" <sup>2</sup> 7'10"x70"x42"	6'6" <sup>2</sup> 7'10"x70"x42"	6'6" <sup>2</sup> 8'2"x75"x42"	6'6" <sup>2</sup> 8'6"x82"x42"
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**Weight (machine)**

2170 lbs	2380 lbs	2380 lbs	3350 lbs	2800 lbs
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**Operating power**  
Connection  
Fuse  
Motor capacity

3x208V/3x440 V, 60 Hz Hardwired 20 A/15 A 4.6 kW	3x208V/3x440 V, 60 Hz Hardwired 20 A/15 A 4.6 kW	3x208V/3x440 V, 60 Hz Hardwired 20 A/15 A 4.6 kW	3x208V/3x440 V, 60 Hz Hardwired 20 A/15 A 4.6 kW	3x208V/3x440 V, 60 Hz Hardwired 20 A/15 A 4.6 kW
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**Cycle time**

26 s	24 s	24 s	46 s	24 s
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**Noise level**

<65 dB (A)	<65 dB (A)	<65 dB (A)	<65 dB (A)	<65 dB (A)
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**Bin size**

**Straps/Bags**  
Type

Cardboard/plastic VG13/13HD or wire	Cardboard/plastic VG13/13HD or wire	Cardboard/plastic VG13HD or wire	Cardboard VG19HD or wire	Cardboard VG13HD/VG19HD or wire
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**Number**

4	4	4	4	
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**Removal from  
delivery truck**  
Requirement

Loading dock + Euro pallet jack alt. forklift	Loading dock + Euro pallet jack alt. forklift	Loading dock + Euro pallet jack alt. forklift	Loading dock + Euro pallet jack alt. forklift	Loading dock + Euro pallet jack alt. forklift
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Green = Perfect choice      Yellow = OK to use      Blank = Should not be used

<sup>2</sup> Transport feet add 100 mm but can be removed after unloading      All machine dimensions are specified with the front door closed



	<b>ORWAK MULTI 5070</b>	<b>ORWAK MULTI 5070-HDC</b>	<b>ORWAK MULTI 9020S</b>
<b>Waste material</b>	<b>Top loaded</b>	<b>Top loaded</b>	<b>Top loaded</b>
Cardboard	Perfect choice	Perfect choice	Perfect choice
Plastic film/pallet wrap	Perfect choice	Perfect choice	Perfect choice
Shredded paper/ trimmings	Perfect choice	OK to use	Perfect choice
Aluminum shavings	Perfect choice	Perfect choice	Perfect choice
Dry general waste	Perfect choice	Perfect choice	Perfect choice
Food cans/metal cans	OK to use	Perfect choice	Perfect choice
Mixed waste	Perfect choice	Perfect choice	Perfect choice
Aluminum cans	Perfect choice	Perfect choice	Perfect choice
PET	OK to use	Perfect choice	OK to use
<b>Recommended amount</b> cardboard: lbs/year	Up to 44,000	Up to 66,000 lbs	Up to 132,000
<b>Loading aperture</b> WxH alt WxD	28''(w)x20''(d)	28''(w)x20''(d)	43''(w)x28''(d)
<b>Bale size</b> WxDxH (in machine)	28''x20''x28''	28''x20''x28''	47''x27''x31''
<b>Bale weight</b> cardboard plastic	Up to 110 lbs Up to 180 lbs	Up to 190 lbs Up to 220 lbs	Up to 440 lbs Up to 660 lbs
<b>Compaction ratio (up to)</b> cardboard plastic	4:1 10:1	5:1 10:1	7:1 10:1
<b>Press force (HP)</b> lbs (Cardboard) lbs/in <sup>2</sup>	6,600 lbs	22,000 lbs	44,000 lbs
<b>Machine dim./in use</b> Transport H HxWxD Emptying H	7'10'' 7'10''x69''x35'' <sup>3</sup>	7'4'' 7'4''x69''x33'' <sup>3</sup>	7'9'' (6'3'' <sup>1</sup> ) 8'1''x98''x45'' <sup>3</sup>
<b>Weight (machine)</b>	1185 lbs <sup>3</sup>	1873 lbs <sup>3</sup>	3494 lbs <sup>3</sup>
<b>Operating power</b> Connection Fuse Motor capacity	115 V, 60 Hz Plug 15 A 0.75 kW	3x208 V Hardwired 15 A 3.6 kW	3x208V/3x440 V, 60 Hz Hardwired 15 A/10 A 3.6 kW
<b>Cycle time</b>	36 s	20 s	35 s
<b>Noise level</b>	<70 dB (A)	<72 dB (A)	<70 dB (A)
<b>Bin size</b>			
<b>Straps/Bags</b> Type	Cardboard/plastic VG13	Cardboard/plastic VG13/13HD	Cardboard/plastic VG13/13HD
Number	4	6	8
<b>Removal from delivery truck</b> Requirement	Tail lift + Euro pallet jack	Tail lift + Euro pallet jack	Loading dock + American jack, front only alt. forklift

Perfect choice

OK to use

Blank = Should not be used

<sup>3</sup> For double chamber depth incl. strap holders

All machine dimensions are specified with the front door closed



**ORWAK FLEX 4240 / 4360**

**ORWAK FLEX 5010-E**

**ORWAK FLEX 5030**

**ORWAK FLEX 5030-N HD**

**ORWAK FLEX 5031**

Waste material	Top loaded / Front loaded	Top loaded	Top loaded	Top loaded	Top loaded
Cardboard		Perfect choice	OK to use		Perfect choice
Plastic film/pallet wrap		Perfect choice			OK to use
Shredded paper/ trim- Aluminum shavings					
Dry general waste	Perfect choice	Perfect choice			Perfect choice
Food cans/metal cans		OK to use		Paint cans	OK to use
Mixed waste	Perfect choice		Perfect choice	Hazardous waste only	Perfect choice
Aluminum cans					OK to use
PET		OK to use			OK to use

<b>Recommended amount</b> cardboard: lbs/year		Up to 33,000			Up to 22,000
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<b>Loading aperture</b> WxH alt WxD	23''(w)x27''(d)	20''(w)x28''(d)	ø20	ø22''	20''(w)x20''(d)
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<b>Bale size</b> WxDxH (in machine)		28''x20''x28''			20''x28''x20''
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<b>Bale weight</b> cardboard plastic		Up to 110 lbs Up to 200 lbs			Up to 90 lbs Up to 130 lbs
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<b>Compaction ratio (up to)</b> cardboard plastic	4:1	4:1 10:1	10:1	10:1	4:1 10:1
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<b>Press force (HP)</b> lbs (Cardboard) lbs/in <sup>2</sup>	3,300 lbs	6,600 lbs	6,600 lbs	6,600 lbs	6,600 lbs
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<b>Machine dim./in use</b> Transport H HxWxD Emptying H	6'11'' 4240: 7'5''x29.5''x36.2''(sgl) <sup>4</sup> 4360: 7'5''x37.4''x38.6'' (sgl) <sup>4</sup>	7'1'' 7'1''x35''x43''	6'5'' 6'5''x30''x41''	7'2'' 7'2''x34''x51''	6'5'' 6'5''x31''x40'' 8'9''
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<b>Weight (machine)</b>	4240: 485 lbs (sgl)/705 lbs (dbl) 4360: 528 lbs (sgl)/792 lbs (dbl)	818 lbs	680 lbs	793 lbs	628 lbs
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<b>Operating power</b> Connection Fuse Motor capacity	115 V, 60 Hz Plug 10 A 1.1 kW	115 V, 60 Hz Plug 10 A 0.75 kW	115 V, 60 Hz Plug 10 A 0.75 kW	115 V, 60 Hz Plug 10 A 0.75 kW	115 V, 60 Hz Plug 10 A 0.75 kW
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<b>Cycle time</b>	29 s	36 s	36 s	36 s	36 s
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<b>Noise level</b>	62.3 dB (A)	<70 dB (A)	<62 dB (A)	70 dB (A)	62 dB (A)
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<b>Bin size</b>	4240: 63 gal, 4360: 96 gal				
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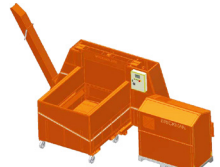
<b>Straps/Bags</b> Type		Cardboard/plastic VG13	52.9 gallon bags		Cardboard/plastic VG9/VG13/ 18.3 gallon bags
Number		2	1		

<b>Removal from delivery truck</b> Requirement	Tail lift + American pallet jack	Tail lift + American pallet jack	Tail lift + American pallet jack	Tail lift + American pallet jack	Tail lift + American pallet jack
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Perfect choice      OK to use      Blank = Should not be used

<sup>4</sup> 4240: 7'5''x58.1''x39''(double)  
4360: 7'5''x74.8''x41.7'' (double)

All machine dimensions are specified with the front door closed



	<b>BRICKMAN 300</b> Top loaded	<b>BRICKMAN 900K</b> Top loaded	<b>BRICKMAN 1200K</b> Top loaded	<b>BRICKMAN 2000K</b> Top loaded
<b>Waste material</b>				
Cardboard	Green	Green	Green	Green
Plastic film/pallet wrap	Green	Green	Green	Green
Shredded paper/ trimmings	Green	Green	Green	Green
Aluminum shavings	Green	Yellow	Yellow	Yellow
Dry general waste	Green	Green	Green	Green
Food cans/metal cans	Green	Green	Green	Green
Mixed waste	Green	Green	Green	Green
Aluminum cans	Green	Green	Green	Green
PET	Green	Green	Green	Green
<b>Recommended amount</b> cardboard: lbs/year	Capacity: up to 550 lbs/h	Capacity: up to 1650 lbs/h	Capacity: up to 2425 lbs/h	Capacity: up to 3300 lbs/h
<b>Loading aperture</b> WxH alt WxH	36"(w)x23"(d)	36"(w)x51"(d)	80"(w)x51"(d)	80"(w)x51"(d)
<b>Bale size</b> WxDxH (in machine)	Briquette 3"x3"x4-12"	Briquette 8"x8"x4-12"	Briquette 8"x8"x4-12"	Briquette 8"x8"x4-12"
<b>Bale weight</b> cardboard plastic				
<b>Compaction ratio (up to)</b> cardboard plastic	Up to 20:1	Up to 20:1	Up to 20:1	Up to 20:1
<b>Press force (HP)</b> lbs (Cardboard) lbs/in <sup>2</sup>	55,000 lbs	55,000 lbs	55,000 lbs	55,000 lbs
<b>Machine dim./in use</b> Transport H HxWxD Emptying H	6'7" 7'6"x120"x57"	6'7" 8'2"x225"x96"	6'7" 8'2"x225"x96"	6'7" 8'2"x248"x96"
<b>Weight (machine)</b>	3500 lbs	8100 lbs	8300 lbs	8800 lbs
<b>Operating power</b> Connection Fuse Motor capacity	On demand	On demand	On demand	On demand
<b>Cycle time</b>	16 s	28 s	28 s	20 s
<b>Noise level</b>	68 dB	68 dB	68 dB	60 dB
<b>Bin size</b>				
<b>Straps/Bags</b> Type Number				
<b>Removal from delivery truck</b> Requirement	4400 lbs counterweight forklift	6600 lbs counterweight forklift	6600 lbs counterweight forklift	6600 lbs counterweight forklift

Green = Perfect choice      Yellow = OK to use      Blank = Should not be used

For more info, contact us or visit our website [www.orwak.com](http://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

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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.

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