

WHAT COMPACTOR?

WET/DRY WASTE
COMPACTORS (BLADE)

Integrated or one piece compactors are designed to accept large volumes of wet waste material as well as mixed wet and dry material and reduce it to a fraction of it's original size. All units are fully sealed to contain all liquid material.

Integrated compactors are fully portable and can easily be moved from one position to another without the need for a concrete pad. Once full the whole unit is removed and transported to a waste/recycling facility for unloading.

Papas offer a variety of static compaction units that can be designed to suit single and multi story chutes, open or closed hoppers, air separators and cyclones, conveyor feed systems, tipper bin loading and a variety of bin lifters all designed to WorkCover and OH&S requirements. Capacities of integrated compactors are available up to 25 cubic metres.

WET/DRY WASTE
COMPACTORS (AUGER)

Integrated or one piece compactors are designed to accept large volumes of wet waste material as well as mixed wet and dry material and reduce it to a fraction of it's original size. All units are fully sealed to contain all liquid material. All liquid waste is directed into the container to reduce odour as there is no other areas in the hopper for liquid to gather.

Auger systems do not readily accept large or bulky items. Integrated compactors are fully portable and can easily be moved from one position to another without the need for a concrete pad. Once full the whole unit is removed and transported to a waste/recycling facility for unloading.

Split auger systems are available subject to site inspection. Papas offer a variety of static compaction units that can be designed to suit single and multi story chutes, open or closed hoppers, air separators and cyclones, conveyor feed systems, tipper bin loading and a variety of bin lifters all designed to WorkCover and OH&S requirements. Capacities of integrated compactors are available up to 25 cubic metres.

Model	Torpedo MK 1 (Blade)	Torpedo MK 2 (Blade)	Rotopack (Auger)	Capsule (Blade)	Eliminator (Blade)
Motor rating	7.5kw	7.5kw	11kw	11kw	7.5kw
Power requirements	20 amp	20 amp	30 amp	30 amp	20 amp
Control voltage	24v	24v	24v	24v	24v
Hopper length (mm)	900	900	1000	1500	1200
Hopper width (mm)	1500	1800	1700	2200	1800
Hopper depth (mm)	900	900	1050	1800	950
Hopper volume (m3)	1.22	1.46	0.97	5.28	1.53
Swept volume per cycle (m3)	0.81	0.97	Continuous	5.28	1.53
Swept volume per hour (m3)	72.9	87.3	Continuous	Not applicable	Not applicable
Loading height	1200	1200	1200	1750	1200
Overall height	To suit capacity	To suit capacity	To suit capacity	To suit capacity	To suit capacity
Overall length	To suit capacity	To suit capacity	To suit capacity	To suit capacity	To suit capacity
Overall width	2440	2440	2440	2440	2440
Standard cycle time (approx.)	40	40	8 RPM	60	40
Compaction force (kg)	23,400	28,495		34,900	28,495
Blade force (psi)	45	37		11	37



THE NEXT GENERATION IN
ON-SITE COMPACTION
EQUIPMENT



The following information has been designed to help companies decide if a compactor will help manage their waste requirements more efficiently and what compactor will best suit their individual requirements.

WHY COMPACTION?

On-site compactors are widely used by organisations that produce large quantities of waste material. Hotels, food processors, manufacturing industries, waste cardboard companies, universities, distribution centres, shopping centres and other large companies tend to use compactors instead of open top containers. There are many reasons why organisations install compactors including:-

- Financial,
- Improve site safety and cleanliness,
- Improve compliance with current waste regulations,
- Reduce labour,
- Create more space on site,
- Convenience,
- Reduces fire and vandal risk,
- Make your waste management system more environmental friendly
- Improve security and company image.

Once you have decided that an on-site compactor may be of benefit, there are a few important basic questions you will need to answer before proceeding:-

- Volume of material to be disposed of,
- What type of material are you disposing of,
- What is the largest item you wish to dispose of,
- How do you intend to load compactor i.e. hand, forklift, bins, etc.

Compactors are divided into two categories. Dry and wet with compactors specially designed to suit each application which is detailed later.

Most organisations believe all compactors are the same and tend to buy on purchase price instead of total cost. The purchase price may seem beneficial at the time but there are a few other issues you will need to consider before purchasing:-

- Usable hopper size,
- Compaction force,
- Construction,
- O.H. & S.compliance,
- Collection frequency.

Two major difference between compactor manufacturers is compaction force and true hopper size. Compaction force is a major factor as this will dictate collection costs. Short term savings now may well be costing you in extra collection fees, while hopper size will dictate what can easily be placed in hopper without bridging which will cause increased labour costs.

WHY PAPAS COMPACTORS?

Papas manufacture the largest range of on-site compactors to handle any waste product. We undertake a free on-site assessment of you current and future requirements and design a system to suit your individual requirements. Our compactors offer:-

- Hopper capacities and sizes to suit your needs without bridging causing undue labour costs and OH&S issues,
- Variety of loading options,
- Maximum compaction forces to minimise transport costs,
- High tensile steel construction to withstand maximum load,
- Full compliance with OH&S and WorkCover requirements,
- Australia wide 24 hour service and support network,
- Purchase or rental options.

WARRANTY?

Papas offer an exclusive warranty which features: Three (3) year structural, two (2) year on components and twelve (12) months on labour.

PURCHASE OR RENT?

At Papas the choice is yours. Many of our customers enjoy the flexibility of rental as opposed to outright purchase. The rental option includes a comprehensive maintenance program which means any breakdowns are dealt with with promptly by our service team with no unbudgeted costs arising. (Full details available on request.)

WHAT COMPACTOR?

DRY WASTE COMPACTORS

Static or split compactors are designed to accept all types of dry compactible waste material and reduce it to a fraction of it's original size. Units can be designed to accept wet waste subject to EPA requirements being met. The compactor is securely fixed to a level concrete pad. A separate compaction container is securely attached via load binders. Once the compaction container is full, it is disconnected from the compactor and transported to a waste/recycling facility for unloading. Papas offer a variety of static compaction units that can be designed to suit single and multi story chutes, open or closed hoppers, air separators and cyclones, conveyor feed systems, tipper bin loading and a variety of bin lifters all designed to WorkCover and OH&S requirements. Capacities of compaction containers are available up to 45 cubic metres.



Model	Bullet	Classic	Elite	Custom 215	Custom 260	Custom 300	Custom TS7000	Compact 120	Compact 140	Compact 150
Motor rating	4kw	7.5kw	11kw	15kw	15kw	15kw	15kw	7.5kw	7.5kw	11kw
Power requirements	10 amp	20 amp	30 amp	30 amp	30 amp	30 amp	30 amp	20 amp	20 amp	20 amp
Control voltage	24v	24v	24v	24v	24v	24v	24v	24v	24v	24v
Hopper length (mm)	750	1025	1220	1500	1800	2100	1930	850	850	1150
Hopper width (mm)	660	1500	1500	1500	1500	1500	1500	1500	1800	1500
Hopper depth (mm)	760	800	800	800	800	800	1500	900	900	900
Hopper volume (m3)	0.38	1.23	1.44	1.8	2.16	2.52	4.34	1.21	1.45	1.62
Swept volume per cycle (m3)	0.25	0.922	1.10	1.35	1.62	1.89	3.18	0.81	0.97	1.08
Swept volume per hour (m3)	22.5	83	99	121	145	170	286	73	87	97
Overall height (top of flange)	1200	1200	1200	1200	1200	1200	1920	1200	1200	1200
Overall length	2200	3375	3795	4605	5200	5775	5600	1820	1820	2320
Overall width	860	1720	1720	1720	1720	1720	1720	1720	1970	1720
Standard cycle time (approx.)	25	40	48	40	40	40	60	40	40	40
Compaction force (kg)	11,400	22,312	32,057	32,057	32,057	32,057	43,628	28,495	28,495	28,495
Blade force (psi)	49	35	50	50	50	50	37	45	37	45