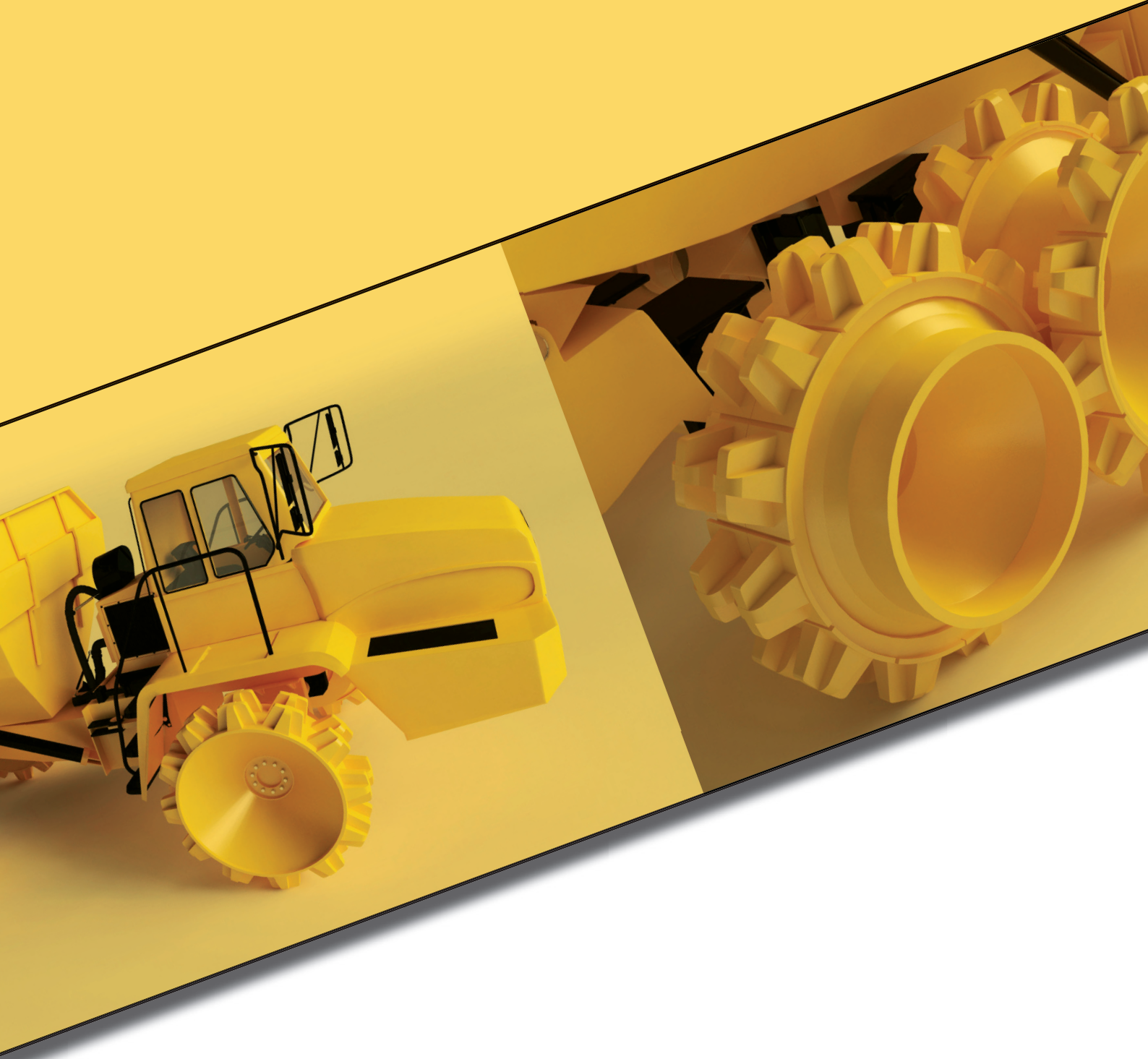


Aveling Barford

Patented Compaction Wheels



© 2016 Aveling Barford
All rights reserved.

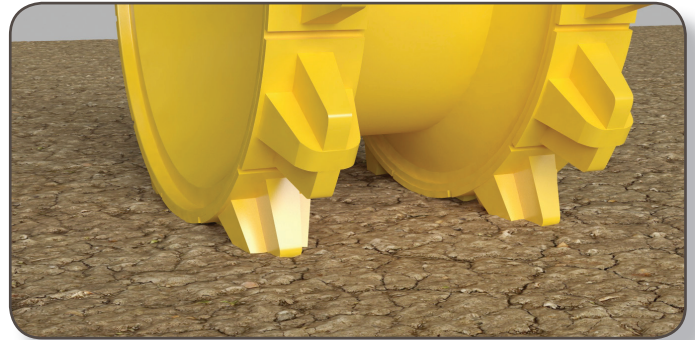
Materials and specifications are subject to change without notice.
Featured machines in photos may include additional equipment.

Re-inventing the Compaction Wheel

The revolutionary new geometric compaction wheel design from Aveling Barford achieves variation in surface contact and compaction pressures when used on both smooth and cleated wheel.

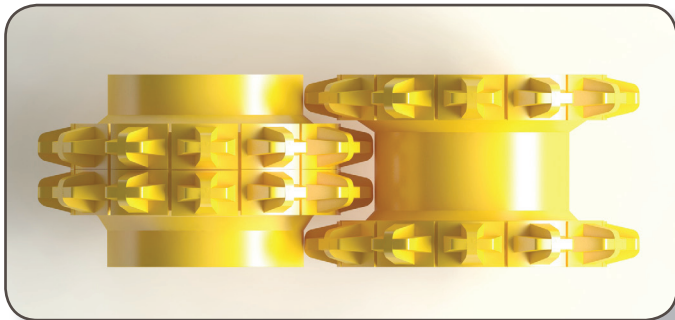


Full surface contact on uncompact ground.



Minimum surface contact on compacted ground.

The rims are designed to optionally accept ballast so the machine weight is adjustable to suit varying operating conditions and reduce transportation costs.

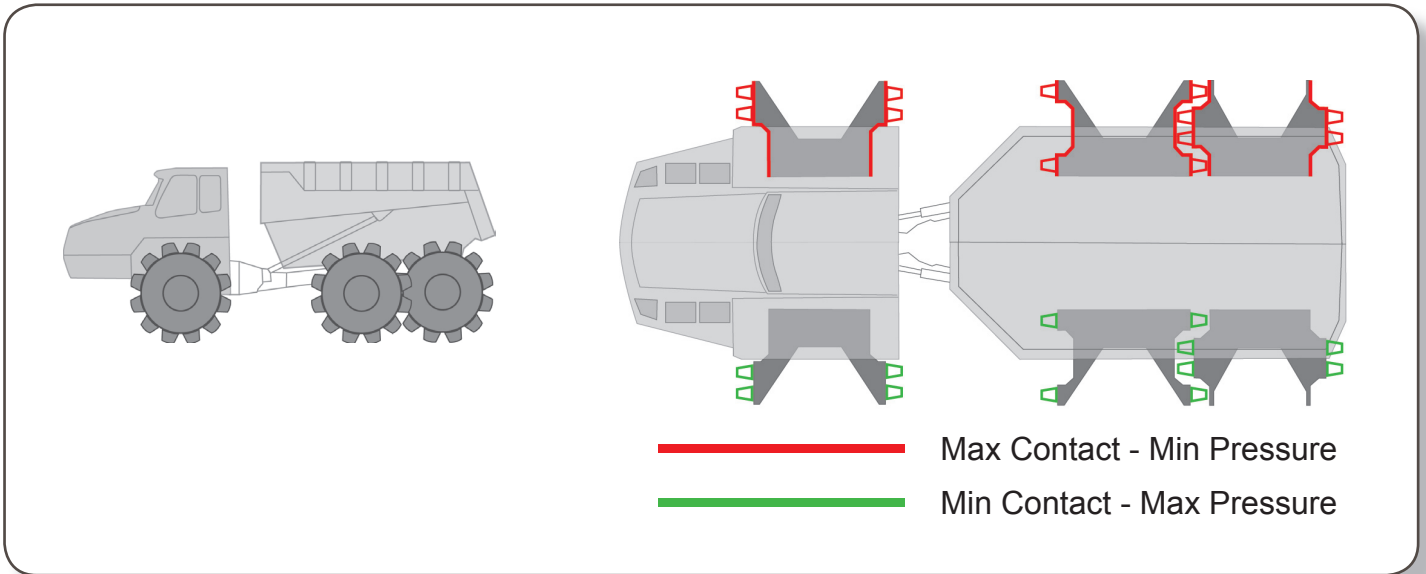


The wheels shown in interlocking configuration therefore being suitable for all construction equipment including twin axle machines such as Articulated Dump Trucks.

Key Facts

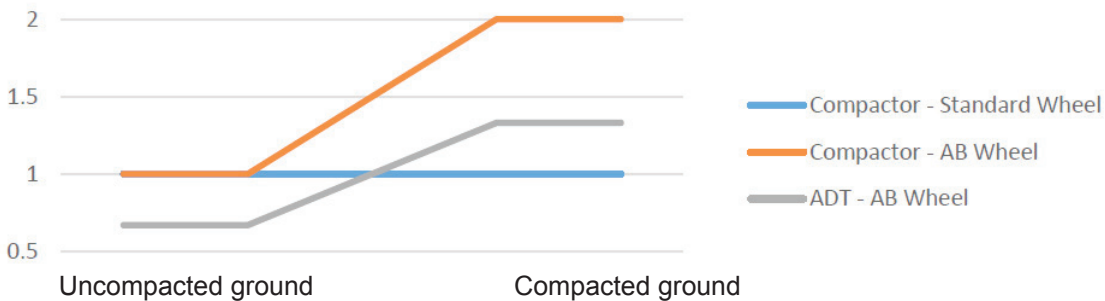
- Suitable for vibrating and deadweight compactors, wheel loaders, rigid and articulated dump trucks.
- Ground pressure increases as site becomes more compacted.
- Higher maximum ground pressure than equivalent standard compaction wheel.
- Allows for greater compaction and therefore increasing the life of landfill sites for better return-on-investment (ROI).
- Increases flexibility of on-site machines and therefore utilization.
- Skip vehicles can be filled to maximize compaction forces.

Typical 40T ADT Layout



Relative Wheel Ground Pressure

	Uncompacted Ground	Compacted Ground
Compactor Standard Wheel	1	1
Compactor AB 4 Wheel Version	1	2
ADT - AB 6 Wheel Version	0.67	1.33



100% greater pressure on compacted ground in 4-wheel configuration
 30% greater pressure on compacted ground in 6-wheel configuration

Aveling Barford

Compaction wheel design is covered by the following patents:

Country	Number
United Kingdom	GB2496432
USA	US9181671
China	CN104080979
EPO	EP2776635 (Pending)
PCT	PCT/GB2012/052788 (Pending)

