

EXCAVATOR ATTACHMENTS

Bowell MS-01 / MS-03 Attachments

Buckets, shovels and root rakes for mini-excavators



7 ATTACHMENTS AT A GLANCE

- Backhoe buckets
- Topsoil bucket
- Hydraulic trench-clearing bucket
- Screening bucket
- Root rakes
- Hydraulic grubbing rake
- Cable bucket

Bowell backhoe bucket compatible with MS-01 / MS-03

Applications of the bucket

This high-quality **backhoe bucket** (also known as an **excavator bucket** or **excavator shovel**), available with either an MS01 or MS03 attachment, has been specially developed for efficient digging and excavation work. Thanks to its robust construction and versatile attachment, it is the ideal choice for professional use in the construction, gardening and landscaping sectors, as well as in civil engineering.

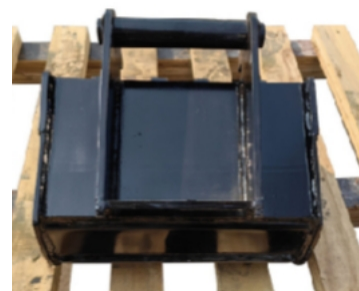
The Bowell **backhoe bucket with Hardox 400 teeth**, available with either an MS01 or MS03 mounting, is ideally suited to a wide range of applications. Its robust construction and high-quality workmanship guarantee efficiency and durability, even under demanding conditions.

With Bowell backhoe buckets and our other tools for mini-excavators – such as cable buckets, excavator buckets, screening buckets or ripper teeth – you are investing in durable tools that make your work processes more efficient.



Bucket features

- **Robust material:** Manufactured from durable **S355J2+N** and **Hardox 400 steel** for maximum service life.
- **Side guards:** Provide additional protection and are made from steel up to 2x6mm thick.
- **Cutting edge:** High-quality **cutting edge made from Hardox 400** for precise work.
- **High-quality finish:** Protection against corrosion thanks to powder coating.
- **Easy to transport:** Integrated transport hooks make handling easier.
- **Reliability:** 1-year warranty on the welds – for maximum safety.



Bowell backhoe bucket compatible with MS-01 / MS-03

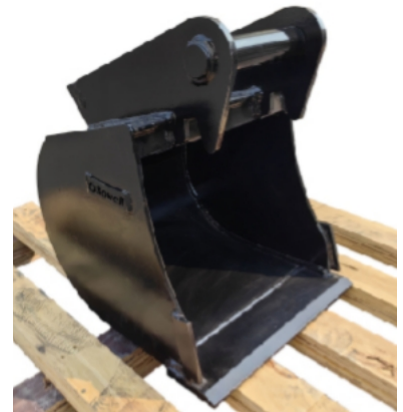
TECHNICAL SPECIFICATIONS	MS-01 30 cm	MS-01 40 cm	MS-01 60 cm	MS-03 30 cm	MS-03 40 cm	MS-03 60 cm	MS-03 90 cm
Width cm	30	40	60	30	40	60	90
Length cm	44	44	44	60	60	60	60
Height (cm)	23	23	23	34	34	34	34
Weight (kg)	38	44	58	60	70	88	116
Volume L	31	42	63	62	82	124	186
Number of teeth screwed in	3	4	4	3	4	4	6
Cutting table WxDxH mm	320 x 110 x 12	420x110x12	620 x 110 x 12	320x120x15	420 x 120 x 15	620x120x15	920x120x15
Side wall thickness, mm	6	6	6	6 + 6	6 + 6	6 + 6	6 + 6
Material: Teeth / Cutting edge	Hardox 400						
Bucket material	S355J2+N						
Transport hook	YES						
Drainage holes	YES						

Bowell topsoil bucket compatible with MS-01 / MS-03

Applications of the bucket

The **Bowell humus bucket** is suitable for light to medium earthworks in the construction, gardening and landscaping sectors, as well as in civil engineering. It enables the **collection, transport, lifting and dumping of soil** and is particularly suitable for digging, excavation and levelling work.

When combined with an optional **swivel motor solution**, the humus bucket can be used flexibly for excavating and profiling trenches, creating **embankments and verges**, as well as for terrain modelling and hydraulic engineering. An integrated **discharge plate** ensures safe material transport and prevents soil from spilling out unintentionally when the bucket is full. The robust **cutting edge made from Hardox 400** ensures a long service life even in demanding applications.



Features of the bucket

- **Robust material:** Manufactured from durable **S355J2+N and Hardox 400 steel** for a long service life.
- **Side guards:** Additional protection for the side areas provided by **steel plates up to 2 × 6 mm thick**.
- **Cutting edge:** High-quality **cutting edge made from Hardox 400** for precise digging, excavation and levelling work.
- **Optimised shape:** Generous **bucket capacity** for the efficient collection and transport of soil.
- **Dump plate:** Ensures **the material held in the bucket is securely retained**, even when the bucket is full.
- **High-quality finish:** A robust **powder coating** provides reliable protection against corrosion.
- **Easy to transport:** Integrated **transport hooks** make handling easier.
- **Reliability:** **1-year warranty on the welds**.



Bowell topsoil bucket compatible with MS-01 / MS-03

TECHNICAL SPECIFICATIONS	MS-01 30 cm	MS-01 40 cm	MS-01 60 cm	MS-03 30 cm	MS-03 40 cm	MS-03 60 cm	MS-03 90 cm
Width cm	30	40	60	30	40	60	90
Length cm	44	44	44	60	60	60	60
Height (cm)	23	23	23	34	34	34	34
Weight kg	38	44	58	60	70	88	116
Volume L	31	42	63	62	82	124	186
Number of teeth screwed in	3	4	4	3	4	4	6
Cutting table WxDxH mm	320 x 110 x 12	420x110x12	620 x 110 x 12	320x120x15	420 x 120 x 15	620x120x15	920x120x15
Side wall thickness, mm	6	6	6	6 + 6	6 + 6	6 + 6	6 + 6
Material: Teeth / Cutting edge	Hardox 400						
Bucket material	S355J2+N						
Transport hook	YES						
Drainage holes	YES						

Bowell hydraulic trench-clearing bucket compatible with MS-01 / MS-03

Applications of the bucket

This hydraulic trenching bucket, with a width of 800 to 1,400 mm and compatible with **MS01** and **MS03 mountings**, is the ideal attachment for precise levelling work. Thanks to its hydraulic swivel function, it allows for flexible operation, particularly when digging trenches and forming troughs. Manufactured from robust and wear-resistant materials, this bucket guarantees high durability and efficiency on the construction site.

The Bowell **trench bucket with a Hardox 400 cutting edge**, available with either an MS01 or MS03 attachment, is ideally suited to a wide range of applications. Its robust construction and high-quality workmanship guarantee efficiency and durability, even under demanding conditions. With Bowell trench buckets and our other tools for mini-excavators – such as deep-digging buckets, cable buckets, excavator buckets, screening buckets and ripper teeth – you are investing in durable tools that make your work processes more efficient.



Bucket features

- **Robust material:** Manufactured from wear-resistant **S355J2+N** and **Hardox 400 steel** for a long service life.
- **Side guards:** Made from **8 mm or 14 mm thick S355J2+N steel** for additional protection of the side areas.
- **Cutting edge:** Robust **cutting edge made from Hardox 400** for precise clearing and excavation work.
- **Load-holding valve:** The **double-acting check valve** ensures safe operation with the hydraulic swing function.
- **Replaceable bushings:** Wear parts can be easily replaced as required.
- **Water drainage holes:** Allow **water and mud to drain away** when working in wet conditions.
- **Protection of the structure:** Protruding cutting edges protect **weld seams and side panels** from increased wear.
- **Easy to maintain:** Easily accessible **grease nipples at the bearing points** facilitate regular maintenance.
- **Easy to transport:** Integrated **transport hooks** make handling and safe transport easier.
- **Reliability:** **1-year warranty on the welds.**



Bowell hydraulic trenching bucket compatible with MS-01 / MS-03

TECHNICAL SPECIFICATIONS	MS-01 80 cm	MS-01 100 cm	MS-01 120 cm	MS-03 100 cm	MS-03 120 cm	MS-03 140 cm
Width (cm)	80	100	120	100	120	140
Length Depth cm	46	46	46	71	71	71
Number of cross-braces	1	1	1	2	2	2
Weight (kg)	84	94	104	146	166	186
Number of teeth	6	8	9	8	9	11
Hydraulic adjustment	45° left / right					
Bucket material	S355J2+N					
Transport tracks	YES					

Bowell screening bucket compatible with MS-01 / MS-03

Applications of the bucket

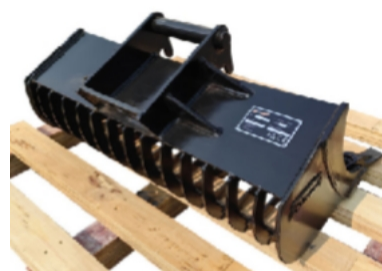
The **Bowell screening bucket**, also known as a sorting bucket or grid bucket, is suitable for **screening, sorting and loading various materials**. It is used in particular in gardening and landscaping, on construction sites and in the recycling sector.

With a **mesh spacing of 50 mm**, soil and fine material can be reliably separated from stones, construction rubble and other coarser material. This allows existing materials to be processed and reused directly on site. The robust construction made from **S355J2+N** and **Hardox 400** ensures a long service life even under regular use.



Bucket features

- **Robust material:** Manufactured from wear-resistant **S355J2+N** and **Hardox 400 steel** for a long service life.
- **Side cutters:** Robust **8 mm-thick side cutters** made from **S355J2+N** protect the side areas from increased wear.
- **Cutting bar:** Depending on the model, a **cutting bar made of Hardox 400, 120 × 12 mm or 150 × 15 mm thick**, for demanding screening and sorting tasks.
- **Sturdy struts:** **8 mm thick struts** made from **S355J2+N** ensure a robust and durable construction.
- **50 mm mesh spacing:** Enables the reliable **separation of fine and coarser material**.
- **Structural protection:** Protruding cutting edges protect **welds and side panels** from increased wear.
- **High-quality paint finish:** Priming and painting ensure reliable **corrosion protection**.
- **Easy to transport:** Integrated **transport hooks** facilitate handling and safe transport.
- **Reliability:** **1-year warranty on the welds**.



Bowell screening bucket compatible with MS-01 / MS-03

TECHNICAL SPECIFICATIONS	MS-01 80 cm	MS-01 100 cm	MS-01 120 cm	MS-03 100 cm	MS-03 120 cm	MS-03 140 cm
Width (cm)	80	100	120	100	120	140
Depth cm	42	42	42	42	42	42
Height (cm)	23	23	23	23	23	23
Weight kg	56	66	76	100	114	135
Volume L	80	100	120	100	120	140
Number of teeth	6	7	8	7	8	9
Cutting bar WxDxH mm	820 x 120 x 12	1020 x 120 x 12	1220 x 120 x 12	1020x150x15	1220x150x15	1420x150x15
Side wall thickness (mm)	6		6	6 + 6	6 + 6	6 + 6
Material: Teeth / Cutting edge	Hardox 400					
Bucket material	S355J2+N					
Conveyor chains	YES					
Water drainage holes	YES					

Bowell clearing rake compatible with MS-01 / MS-03

Applications of the shovel

The **Bowell weeding rake** is suitable for use in gardening and landscaping, on building sites and in the recycling sector. With its sturdy struts, it can pick up, sort and separate **roots, stones, building rubble and other coarse materials** from soil or finer material.

With a **strut spacing of approx. 130 mm**, the weeding rake enables efficient sifting directly during the work process. At the same time, the open design facilitates the **removal of roots, the loosening of soil and the sorting of demolition waste**. The robust construction made from wear-resistant **S355J2+N steel** ensures a long service life even in demanding applications.



Features of the bucket

- **Robust material:** Manufactured from wear-resistant **S355J2+N steel** for a long service life.
- **Sturdy struts:** Depending on the version, **10 mm or 12 mm thick struts** for a robust and durable construction.
- **Wide strut spacing:** With a **spacing of approx. 130 mm between the struts** for reliable separation of soil and coarser material such as stones, roots or building rubble.
- **Versatile:** Suitable for **clearing, sorting, screening and loosening** soil during earthworks, landscaping and demolition work.
- **High-quality paint finish:** Primed and painted for reliable **corrosion protection**.
- **Easy to transport:** Integrated **transport hooks** make handling easier and ensure safe transport.
- **Reliability:** **1-year warranty on the welds**.



Bowell rake compatible with MS-01 / MS-03

TECHNICAL SPECIFICATIONS	MS-01 80 cm	MS-01 100 cm	MS-01 120 cm	MS-03 100 cm	MS-03 120 cm	MS-03 140 cm
Width (cm)	80	100	120	100	120	140
Length Depth cm	46	46	46	71	71	71
Number of cross-braces	1	1	1	2	2	2
Weight (kg)	52	62	72	100	120	140
Number of teeth	6	8	9	8	9	11
Bucket material	S355J2+N					
Transport hooks	YES					

Bowell Hydraulic Rake, compatible with MS-01 / MS-03

Applications of the shovel

The **hydraulically adjustable root rake** is ideally suited for use in gardening and landscaping, on building sites and in the recycling sector. With a **strut spacing of approx. 130 mm**, it reliably picks up, sorts and separates roots, stones, building rubble and other materials from the soil.

Thanks to the **hydraulic adjustment**, the root rake can be flexibly adapted to different working situations and enables precise work even on uneven terrain. The robust construction made from wear-resistant steel ensures a long service life and makes the root rake a versatile tool for demanding applications.



Features of the shovel

- **Robust material:** Manufactured from wear-resistant **S355J2+N steel** for a long service life.
- **Sturdy struts:** Depending on the version, **10 mm or 12 mm thick struts** spaced approximately **130 mm** apart.
- **Hydraulically adjustable:** Allows **flexible adaptation to different working conditions** and facilitates precise operation.
- **High-quality paint finish:** Primed and painted for reliable **corrosion protection**.
- **Easy to transport:** Integrated **transport hooks** facilitate handling and safe transport.
- **Reliability:** **1-year warranty on the welds**.



Bowell Hydraulic Rake, compatible with MS-01 / MS-03

TECHNICAL SPECIFICATIONS	MS-01 80 cm	MS-01 100 cm	MS-01 120 cm	MS-03 100 cm	MS-03 120 cm	MS-03 140 cm
Width (cm)	80	100	120	100	120	140
Length Depth cm	46	46	46	71	71	71
Number of cross-braces	1	1	1	2	2	2
Weight (kg)	84	94	104	146	166	186
Number of teeth	6	8	9	8	9	11
Hydraulic adjustment	45° left / right					
Bucket material	S355J2+N					
Transport tracks	YES					

Bowell cable bucket compatible with MS-01 / MS-03

Applications of the bucket

The **Bowell cable spade**, also known as a tele-spade or banana spade, was specially developed for **excavating particularly narrow trenches** in fibre-optic, pipeline and cable construction. With a working width of just **13 cm**, soil excavation can be kept to a minimum and work can be carried out precisely along the intended route.

The long, slender design also allows for the excavation of **deep and narrow trenches**, whilst the trapezoidal sides help prevent the trench walls from collapsing. **Openings in the side walls** make it easier to dislodge material from the bucket, particularly in loamy or cohesive soils. This means that almost the entire bucket volume is available for efficient work.



Features of the bucket

- **Robust material:** Manufactured from wear-resistant **S355J2+N** and **Hardox 400 steel** for a long service life.
- **Narrow design:** **Working width of just 13 cm** for precise cable, pipe and fibre-optic trenches with minimal soil excavation.
- **Replaceable cutting edge:** Wear parts can be **easily replaced** as required, simplifying maintenance.
- **Side cutters:** Robust **8 mm-thick side cutters made from S355J2+N steel** protect the side areas from increased wear.
- **Side wall openings:** Help to **dislodge material that has become stuck** and improve bucket discharge.
- **Trapezoidal flanks:** Help to create **stable, narrow trenches** and reduce unnecessary excavation.
- **Structural protection:** Protruding cutting edges protect **welds and side panels** from increased wear.
- **High-quality paint finish:** Primed and painted for reliable **corrosion protection**.
- **Reliability:** **1-year warranty on the welds**.



Bowell cable bucket compatible with MS-01 / MS-03

TECHNICAL SPECIFICATIONS	MS-01	MS-03
Length (cm)	80	80
Width (cm)	13	13
Depth (cm)	18	18
Weight (kg)	42	50
Cutting bar WxDxH mm	150x120x12	150x120x15
Side panel thickness (mm)	10	10
Cutting edge material	Hardox 400	
Material of bucket	S355J2+N	
Transport hook	NO	
Water drainage holes	YES	

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