CUTTING EDGE TECHNOLOGY

FOR MANY APPLICATIONS, A SMART SOLUTION

ER RANGE ERC RANGE ERU RANGE ER-L RANGE ADU RANGE



CUTTING THE WORLD

A German company focused on technology leading the way with modern production facilities and unbeatable service.



We have over 17 years experience in the development, manufacture and application of rock cutting excavator attachments. With all main components manufactured in Germany, the cutter attachments are robust and reliable. Our international team of specialists are available to provide support.

In this catalogue you will find a large range of special cutter attachments for excavators and skid steers that have been developed in cooperation with customers. Practical experience from job sites around the world is used in our continuous product development process.



The Atlas Copco Group incorporated erkat in 2017. Following the division of the group in 2018, erkat became part of Epiroc, making us stronger than ever regarding the future. Although with a new owner, erkat will continue its commitment with its products and services as usual.

TECHNICAL CHARACTERISTICS APPLICATIONS



(Standard)



ADU RANGE erkat Auger drive units

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NON-STANDARD MODELS For profiling, tree stump grinding, tunnel profiling,



STANDARD TOOLS Picks, retaining clips, pick boxes





Close attention to detail during assembly guarantees the highest levels of product quality and reliability.



	For excavators	For skid steers	Page
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	✓	v	16
	✓	v	18
	✓	v	20
	✓	✓	22
	✓	✓	24
, etc.	✓	✓	26
			27

Made to measure service - we will travel to you, provide support during installation and commissioning and provide training if required.





TRIED & TESTED TECHNOLOGY "MADE BY ERKAT"

ROBUST

Features that make erkat machines so reliable, long lasting and low maintenance include an over engineered drive train, secure attachment of cutter drums, rigid and wear resistant gear housing as well as pick boxes with hardened wear sleeves (ER 1500 – ER 5500).



STRONG

erkat cutter heads are designed to provide the optimum cutting power at the recommended rotation speeds. They guarantee a smooth cutting action while providing each pick with the maximum cutting power to penetrate the rock.

FLEXIBLE

A range of cutter drum designs and widths combined with a choice of motors with different displacement and torque provides several options to adapt the drum cutter to excavator specifications as well as the needs of the job site and ground conditions.

RELIABLE

erkat special drum cutters use extremely large spur gears driven by high torque hydraulic motors. The gear wheels are so robust the drum cutters can be used in the most difficult conditions without risk of failure.

QUIET AND LOW VIBRATION

With low vibration and quiet operation, erkat drum cutters can also work in sensitive areas.

ADJUSTABLE

A central fixing system allows **erkat** transverse drum cutters to rotate through 360° without having to be disconnected from the excavator.









The main components in erkat drum cutters, such as gear wheels and cutting heads are primarily manufactured in Germany

CUTTING TECHNOLOGY

The productivity of a drum cutter depends to a large extent on the uniaxial compressive strength of the material to be cut. The deeper the pick can be forced into the rock, the more material it can break out from it which in turn, increases productivity. The oil flow and pressure that the excavator is able to provide to the drum cutter combined with excavator weight and stability are also critical factors influencing productivity.





With more than 17 years of experience in cutting rock. the cutter drums on erkat machines have been through a lengthy period of continuous product development. They allow high cutting performance with low running costs.

PRODUCTIVITY OF A DRUM CUTTER

This diagram illustrates how productivity varies with model size and the uniaxial compressive strength of the rock. In addition, we have production curves for each model size which can be requested from us at any time.





WHERE TRADITIONAL METHODS ARE UNSUITABLE OR TOO EXPENSIVE

TRENCHING

1 Riad (Riyadh)

With a production rate of $6 - 8 \text{ m}^3/\text{hr}$, this **ER 1500X** was used to excavate a trench 8.5 m deep in Riyadh, Saudi Arabia. The limestone had an unconfined compressive strength of 60 - 80 MPa. For this job, the drum cutter was extended by 2.5 m. Note how accurately the trench wall has been cut.

2 Qatar

The **ER 1500 L** cut a 70 cm wide foundation in medium hard limestone with a production rate of 5 m/hr.

3 Germany

Canal trenching with an **ER 1500X**, working with low vibration next to sensitive service pipelines.







Middle East Trenching in limestone The ER 1200 mounted on a 20 ton Hyundai excavator in the Middle East had a production rate up to 10 m³/hr.

o Oatar

Excavating a trench 5 m deep in hard limestone in Qatar. In rock with a uni-axial compressive strength of 100 MPa, an **ER 1200** mounted on a 35 t crawler excavator achieves up to 7 m³/hr. The spoil extracted from the trench can be used as back fill without any additional crushing.





7 Middle East

Highly efficient pipeline trenching in hard limestone with an **ER 1500 XO**. The drum cutter can go as deep as the reach of the excavator.





APPLICATIONS

Abu Dhabi A powerful **ER 5500** achieved a production rate of approx. 70 m³/hr in hard limestone.





India

Trenching in India

The **ER 650**, mounted on a Hitachi EX 250 achieved production rates of 15 m³/hr in the 50 MPa hard rock.

9 **Egypt**

At this building site in Egypt, the performance of this **ER 1500 XL-Q** reached 18 m³/hr. The drum cutter was used on a 30 t Doosan excavator and the rock was a soft limestone.



HIGH PERFORMANCE UNDER HARSH CONDITIONS

TUNNELING

1 South Korea

Pyongtaek Railroad Tunnel An ER 1500 XL excavates a tunnel for a high speed railway line. As the tunnel was passing under an existing gas line, it had to be excavated without any vibration. With the erkat drum cutter, recorded vibration levels remained below 0.3 mm/sec. The rock was gneiss with weathered granite and it's compressive strength varied between 50 and 80 MPa (in locations rising to 120 MPa). Cutting performance was 20 m³/hr.







2 Germany

Tunneling project near Bad Reichenhall This **ER 650** had to be mounted on a Menzi Muck carrier due the the very limited space available. The production rate was 2 m³/hr in the 100 MPa compressive strength dolomite rock.

3 Austria

An ER 1500 XL attached to a Liebherr R924 tunnel excavator opening an underground acces cavern for a TBM.









APPLICATIONS



7 + 8 India

Tunneling project in Assam This **ERC 1500** cut 32 m³/hr at a tunneling project in Assam, the most eastward state capital in India. It was mounted on a Liebherr 924 tunnel excavator.



LOW VIBRATION IN DEMOLITION

DEMOLITION/ REFURBISHMENT

When low vibration methods of demolition are required, erkat drum cutters give you the cutting edge.

1 Germany

Mounted on a CAT 345 excavator, this **ER 2000** cut 15 m³/hr demolishing a bunker.

2 Spain

An ERC 650 profiling a retaining wall in Spain. The cutter was mounted on an 18 t Daewoo excavator.

3 Germany

An **ER 50** mounted on a Brokk 160 demolition robot removes contaminated concrete from the wall of a house.









APPLICATIONS



4 Germany

Thanks to the **ER 1700**, equipped with a special universal console with integrated water spray system, dust created during the operation can be efficiently reduced, attributing to better working conditions for your





STRONG IN QUARRYING

QUARRYING/ EXCAVATING

1 Germany

An **ER 1500** transversal drum cutter doing foundation work by silently cutting its way through hard rock in the inner city of Bad Wildbad.

2 Austria

Cutting slope profiles for a new high-way acces track, the **ER 1500** brings its full power into play by biting its way through hard and abrasive sand stone.





Brazil Happy customers in Brazil An ER 2000, mounted on a Volvo EC 380 C, acchieves a production rate of 55 m³/hr. The material produced had the ideal grain size allowing it to be sold without any need for additional material handling or crushing.

APPLICATIONS





MEETING SPECIAL NEEDS

SPECIAL FOUNDATIONS/ AUGER DRILLING

1 + 2 Italy

This **ADU 1500** has been equipped with a 9 m drilling auger, carrying a special rock drill bit. It has been mounted on a Liebherr 926, equipped with a special boom for sheet piles. The purpose of the holes was to allow sheet piles to be driven down to depths of 9 m in a river bed after the soil had been loosened. Drilling speeds were from 1.2 to 1.5 m/min.

3 **Germany**

An **ER 650** profiling a concrete diaphragm. With the help of the infinite rotation unit, the drum cutter can reach any angle or position, without having the excavator moved to a new position, achieving time savings of at least 30 %!

4 Dubai

Michael Schumacher Tower 2008 in Dubai. The **ER 1500 L** cleaning pile heads with diameter of 120 cm.

5 + 6 India

It takes approx. 7 min for **ADU 1500**, mounted on a Hitachi EX 350 excavator, to drill 3 m deep holes, 450 mm diameter in rocky soil in India.























APPLICATIONS





UNDERWATER/ STEEL INDUSTRY APPLICATIONS

1 China

This **ER 1500** is working in China. It is used to excavate drainage channels in a 100 % brine solution at a salt mining location. Since 2005, 30 drum cutters from **erkat** have been working at this location without interuption.

2 Indonesia

It is possible to use **erkat** drum cutters to 30 m underwater without modifications. To allow the super tankers of the future to dock at the Port of Batam, an **ER 1500 XL** was used to deepen the port.

3 **Algeria**

Deepening of a harbour basin with an **ER 5500**. Attached on a Liebherr R984 with long reach boom the drum cutter can reach under water up to a cutting depth of 16 m.

4 Germany

An **ER650W** cutting wood piles under water at the harbour area in Lübeck. The excavator is standing on a ponton/fleet and equipped with a long reach arm, so that it can reach a working depth of 10 m.

The Netherlands

An **ER 400 L** being used to clean runners at a steel works in the Netherlands.

6 Austria

An **ER 1200** with a rotation unit, cleaning a cast iron runner in a steel factory. The surrounding temperature is higher than 250°C.



ER RANGE

TRANSVERSE DRUM CUTTERS

For excavators with weight from 0.6 to 125 tons

The transverse drum cutter is ideally suited for trenching, tunneling, special foundation work, demolition and for soil mixing. The operating characteristics of **erkat** special applications such as tunneling, profiling or cutting wood drum cutters allow them to be used in noise and vibration sensitive areas.

By changing the cutter drums, erkat transverse drum cutters can be easily converted to suit several special (non-standard models).

The ER range of transverse drum cutters consists of 16 different models.





- Mechanical 360° rotatable console with standard
- Atlas Copco hole pattern (except for ER 5500)
- Adaptable hydraulic motors with high torque
- Extremely robust spur gear drive

- Cutter heads mounted on oversized bearings to guarantee long operating and service life
- Heavy duty fasteners guarantee secure fixture of cutter heads
- Large variety of special cutting heads for profiling, mixing and mining as well as wood cutting (non-standard models)





TECHNICAL DATA	Unit	ER 40 X	ER 50 <mark> </mark> ER 50 X	ER 100 ER 100 X	ER 250 ER 250 X	ER 600	ER 650	ER 1500 X	ER 1500 XL	ER 1700	ER 2000 ER 2000 X	ER 3000	ER 5500
Recommended excavator weight	t	0.6-2	1-3	3-8	8-15	10-18	15-28	20-40	20-40	30-50	35 - 55	50-70	70-125
Rated power	kW	13	18	30	45	65	80	120	120	120	160	200	400
Length of drum cutter (A)	mm	495	615 610	805	965 940	1,130	1,250	1,425	1,425	1,425	1,600	1,650	1,970
Width of cutter head (B)	mm	400	500 400	610 500	685 600	795	800	880	1,000	1,040	1,250 1,050	1,330	1,600
Diameter of standard cutter drums (C)	mm	225	240 225	370	450 400	575	585	720	720	720	720	805	920
Recommended rotation speed	rpm	130	150	115	90	80	80	75	75	72	65	53	48
Recommended oil flow	l/min	17-22	25-38	41 - 62	60-85	120-150	140-190	205-300	205-300	290 - 360	300-390	350-450	700-950
Max. oil flow at 10 bar	l/min	40	60	90	100	170	210	320	320	400	410	500	1,000
Max. operating hydraulic pressure ¹	bar	350	350	350	350	350	350	350	350	350	350	350	350
Max. torque at 350 bar ^{1,3}	Nm	960	1,420	3,000	5,200	10,100	12,400	23,400	23,400	27,900	31,500	46,800	111,500
Max. cutting force at 350 bar ³	N	8,530	11,850 12,620	16,200	23,200 26,000	35,100	42,400	65,000	65,000	77,500	87,500	116,300	242,400
Weight	kg	90	160 130	310 290	500 450	820	1,050	1,750	1,850	2,200	2,600 2,400	3,500	6,000
Number of picks	Pcs	40	56 40	64 44	44 44	48	44	44	48	56	56	64	68
Standard pick ²	Туре	ER 11/28/24/12 C	ER 19/31/30/15 S ER 12/33/30/15 C	ER 12/45/38/20 K	ER 12/45/38/22 HC ER 16/46/38/20C	ER 17/64/60/25 Q	ER 17/75/70/30 Q	ER 17/75/70/30 Q	ER 17/75/70/30 Q	ER 19/75/70/30 Q	ER 19/75/70/30 Q	ER 22/77/80/38-30 Q	ER 25/80/80/38 S

Maximum oil flow and pressure figures shown in the table cannot be achieved at the same time. Contact erkat to discuss hydraulic requirements once actual conditions are known.
 An overview of standard picks is shown on page 27. Cutter drums can be supplied with picks to suit special applications as required – see cutter tool catalogue.

Values for torque and cutting force shown in the table above are those achieved with the most powerful motor options. For values with other motor options, please refer to data sheets at www.erkat.de

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ERC RANGE

ROTATING CUTTER TECHNOLOGY

Revolving rotary drum cutters for excavators from 2 to 70 tons

The ERC range from **erkat** represents a new generation of drum cutters that extends significantly the number of applications where they can be successfully employed. They have an integrated, hydraulically driven rotation unit designed by erkat.

The integrated rotation unit with continuous infinite rotation, allows the drum cutter to be ideally oriented to the cutting surface under all conditions. The extra manoeuvrability makes the cutter more efficient in many applications. Rotation units are supplied with integrated hydraulic swivel joints as standard.

The range consists of 10 models suitable for excavators from 2 to 70 tons.







Continuous rotating drum cutter with erkat rotation unit

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In tunneling and wall profiling applications, the rotation unit can increase productivity by 50%. Profiling accuracy and production rates increase, resulting in more cost effective operating results.

- **Continuous, infinite erkat rotation unit**
- Narrower trenching
- **Special hydraulic swivel allowing oil flow** up to 450 l/min
- **Stepless positioning of the cutter drums**
- Reduced excavator wear due to optimum positioning П of the drum cutter
- Increased life of hydraulic hoses, reduced pick consumption

		b			e	*	*	*	*		
TECHNICAL DATA	Unit	ERC 50	ERC 100	ERC 250	ERC 600	ERC 650	ERC 1500 X	ERC 1500 XL	ERC 1700	ERC 2000	ERC 3000
Recommended excavator weight	t	1-3	3-8	8-15	10-18	15-25	20-40	20-40	30-50	35-55	50-70
Rated power	kW	18	30	45	65	80	120	120	120	160	200
Length of drum cutter (A)	mm	795	1,085	1,325	1,500	1,665	1,870	1,870	1,875	1,990	2,220
Width of cutter head (B)	mm	500	610	685	795	800	880	1,000	1,040	1,250	1,330
Diameter of standard cutter drums (C)	mm	240	370	450	575	585	720	720	720	720	805
Recommended rotation speed	rpm	150	115	90	80	80	75	75	72	65	53
Recommended oil flow	l/min	25 - 38	41-62	60-85	120-150	140-190	205 - 300	205 - 300	290 - 360	300-390	350-450
Max. oil flow at 10 bar	l/min	60	90	100	170	210	320	320	400	410	500
Max. operating hydraulic pressure	bar	350	350	350	350	350	350	350	350	350	350
Max. torque at 350 bar	Nm	1420	3,000	5,200	10,100	12,400	23,400	23,400	27,900	31,500	46,800
Max. cutting force at 350 bar	N	11,850	16,200	23,200	35,100	42,400	65,000	65,000	77,500	87,500	116,300
Weight	kg	300	490	880	1,200	1,610	2,450	2,550	2,990	3,300	5,200
Number of picks	Pcs	56	64	44	48	44	44	48	56	56	64
Standard pick ¹	Туре	ER 12/33/30/15 C	ER 12/45/38/20 K	ER 12/45/38/22 HC	ER 17/64/60/25 Q	ER 17/75/70/30 Q	ER 17/75/70/30 Q	ER 17/75/70/30 Q	ER 19/75/70/30 Q	ER 19/75/70/30 Q	ER 22/77//38-30 Q
Rotation unit	Туре	ERU 1	ERU 2	ERU 3	ERU 3	ERU 4	ERU 5	ERU 5	ERU 6	ERU 6	ERU 7

An overview of standard picks is shown on page 27. Cutter drums can be supplied with picks to suit special applications as required – see cutter tool catalogue.











ERU RANGE

ROTATING CUTTER TECHNOLOGY

Rotation units for use with excavator mounted drum cutters in tunneling, trenching and profiling vertical surfaces

The ERU range from **erkat** represents a new generation of rotation units, tough enough for use with drum cutters in tunneling, trenching and profiling applications. The rotation units are long-lasting, reliable and low maintenance.

In total there are 7 models that can be used on excavators from 2 to 70 tons. The ERU 3 and larger models are fitted with two hydraulic motors as standard.

When combined with the endlessly rotating erkat rotation units, rotary drum cutters can be located in the ideal position to meet cutting requirements. All rotation units have a hydraulic swivel jopint as standard allowing endless rotation.

Combining your standard erkat drum cutter with a rotation unit is a simple procedure. erkat rotation units can also be fitted to drum cutters from other manufacturers!











- Long lasting and robust worm gear and gearbox Components made to tight tolerances Worm gear made from high-quality steel Heavy duty bearings Hydraulic swivel joint with maximum oil flow capacity up to 450 l/min Continuous and infinite rotation

П

- Extremely high holding torque; up to 350 kNm
- П



Length (C)

Height (D)

Weight

- Compact and low maintenance
- Double rotation motors used in models ERU 3 and upwards

	-
:KU	
	-

ERU /
50 - 70
900
320
1,040
1,170
450
350
60
160
350,000
2
2,000
ER 3000





ER-L RANGE

LONGITUDINAL DRUM CUTTERS

For excavators with weight from 3 to 50 tons

Typical applications for **erkat** longitudinal drum cutters include trenching, accurate excavation of irregular shaped foundations, slag removal in steel mills, cleaning pile heads and soil mixing.

erkat longitudinal drum cutters are designed to be mounted on excavators from 3 to 50 tons and are available in 9 different sizes.

Longitudinal drum cutters are driven by a powerful radial piston motor creating extremely high cutting forces. The robust cutter drums together with their secure fixing method enable them to operate in the most demanding conditions. Consoles can be supplied with different lengths to suit a variety of applications.

By exchanging the cutter head, the erkat longitudinal cutter can be easily converted into a powerful ADU auger drive unit for vertical and horizontal holes.

- **Robust, high torque drive**
- Different length consoles available П
- Secure, strong cutter drum fixture П
- Oversized, long-lasting cutter drum bearings П
- Robust long-lasting cutter drums П
- Larger diameter cutter drums available on request Π







NEW Range of longitudinal drum cutters ERL700 and ERL 1100

The ERL 700 and ERL 1100 range have a new attachment method that allows a quick and simple conversion between grinder head and auger drive. These machines are ideally suited for the cleaning of pile heads or drilling shallow holes.

See also ADU range on page 24.

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TECHNICAL DATA	Unit	ER 100 L	ER 250 L	ER 400 L	ER 450 L	ER 600 L	ERL 700	ERL 1100	ER 1500 L	ER 2000 L
Recommended excavator weight	t	3-8	8-15	12-17	12-17	15-22	15-25	20 – 35	20-40	35-55
Rated power	kW	30	45	65	65	65	70	120	120	160
Length of drum cutter (A)	mm	810	1,130	1,130	1,160	1,340	1,230	1,270	1,440	1,500
Optional Length of drum cutter (A)	mm	-	1,430	1,430	1,460	-	-	-	-	-
Diameter of standard cutter drums (B)	mm	310	355	355	380	550	390	430	590	600
Length of standard cutter head (C)	mm	370	400	400	450	535	450	500	680	720
Recommended rotation speed	rpm	110	90	80	80	80	75	75	75	65
Recommended oil flow	l/min	52 - 62	60-85	120-150	120-150	120-150	130 - 160	240 - 300	200-300	300-390
Maximum oil flow at 10 bar	l/min	90	100	170	170	170	200	320	320	410
Maximum operating hydraulic pressure	bar	350	350	350	350	350	350	350	350	350
Max. torque at 350 bar	Nm	3,120	5,200	10,400	10,400	10,400	11,700	23,400	23,400	33,500
Max. cutting force at 350 bar	Ν	16,900	26,000	52,000	46,200	38,900	52,000	93,600	68,800	93,000
Weight	kg	210	340	365	375	580	600	660	1,200	1,500
Number of picks	Pcs	32	44	44	30	42	30	26	24	28
Standard pick 1	Туре	ER 16/46/38/20 S	ER 12/45/38/20 K	ER 12/45/38/20 K	ER 12/45/38/22 HC	ER 12/45/38/22 HC	ER 12/45/38/22 HC	ER 17/75/70/30 Q	ER 17/75/70/30 Q	ER 19/75/70/30 Q

¹ An overview of standard picks is shown on page 27. Cutter drums can be supplied with picks to suit special applications as required – see cutter tool catalogue.



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ADU RANGE

AUGER DRIVE UNITS

For excavators with weight from 3 to 50 tons

The design and assembly of this new, innovative range of auger drive excavator attachments has beneffited from many years of experience in cutting rock with longitudinal drum cutters.



The ADU range of erkat auger drive units are designed for use on excavators from 3 to 50 tons. ADU auger drive units are indestructible, high performance drives that have proven themselves many times while successfully drilling holes in medium hard rock up to 60 MPa compressive strength.

The conversion of an ER-L longitudinal cutter to an ADU requires an adaptor that bolts onto the output shaft. The adaptor has a hexagonal drive for connection to the augers.

- **Strong universal swing bracket**
- High torque hydraulic motor
- Π Robust, compact design
- Powerful drive unit
- Intentionally overdesigned bearing system for the drive shafts
- Extra strong, wear resistant hexagon drive







Soil classification 1 – 2 Choice of drill bits

Soil classification 3-5

Soil classification 6–7 max. 60 MPa

Notes for drilling with erkat auger drive unit: If the auger string is not vertical during drilling with the ADU, strong bending forces are exerted on the hexagonal drive shaft. It is therefor important that care is taken to maintain the auger in a vertical position while drilling to avoid these bending stresses from occuring.

TECHNICAL DATA	Unit	ADU 100	ADU 250	ADU 450	ADU 600	ERL 700	ERL 1100	ADU 1500	ADU
Recommended excavator weight	t	3-8	8-15	8 - 17	14-22	15-30	18-35	18-40	30-5
Rated drive power	kW	30	45	65	65	70	120	120	160
Max. torque at 350 bar	Nm	3,120	5,200	10,400	10,400	11,700	23,400	23,400	33,50
Max. operating hydraulic pressure	bar	350	350	350	350	350	350	350	350
Recommended oil flow	l/min	30-60	40-75	75 – 150	75-150	105-170	200-300	200-300	200-
Recommended rotation speed	1/min	50 -110	40-80	40 - 80	40-80	50-90	50-70	50-70	30-6
Recommended max. drilling diameter									
Soil classification class 1 – 3	mm	400	500	800	900	1,000	1,500	1,500	1,500
Soil classification class 4 – 5	mm	300	400	600	700	900	1,200	1,200	1,400
Soil classification class 6 – 7 (up to max. 60 Mpa)	mm	-	300	500	500	600	900	900	1,100
Recommended max. drilling depth	mm	3,500	5,000	5,000	6,000	6,000	7,000	7,000	8,000
Length of auger drive (A)	mm	1150	1,100	1,100	1,800	1,600	1,650	2,300	1,800
(B)	mm	900	810	810	1,260	1,100	1,100	1,200	1,250
(C)	mm	300	360	360	360	400	400	600	660
Auger connector – width across hex flats (H)	mm	80	80	80	80 (optional 120 or 160)	160 (optional 120 or 80)	160 (optional 120 or 80)	160 (optional 120 or 80)	160 (optio
Weight incl. hinge plate, without hydraulic hoses and top bracket	kg	280	420	445	750	800	1,090	1,370	2,050

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ADAPTABLE

The ER-L RANGE of longitudinal cutters can be converted with an adaptor to an **ADU** auger drive unit. See also ER-L range on page 22.





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ERKAT

SPECIAL MODELS

	SPECIAL MODEL	Image of special model	Width of cutting head mm
	ER 250 P Application area: Profiling Excavator weight: 7–15 t		800
	ER 250 W Application area: Removal of tree stumps Excavator weight: 7–15 t		550
_	ER 650 P Application area: Profiling Excavator weight: 15–25 t		1,070
	ER 650 W Application area: Removal of tree stumps Excavator weight: 15 – 25 t		660
_	ER 650 T Application area: Tunnel profiling Excavator weight: 15–25 t		1,000
_	ER 1500 P Application area: Profiling Excavator weight: 25 – 30 t		1,200
_	ER 1500 T Application area: Tunnel profiling Excavator weight: 20–40 t		1,500
_	ER 1500 HD Application area: Tunneling and extraordinary applications Excavator weight: 30 – 45 t	R	1,040

SPECIAL MODEL	Image of special model	Width of cutting head mm
ER 1500 M Application area: Treating soft soils Excavator weight: 20 – 40 t		935
ER 1500 M (Extension) Application area: Treating soft soils Excavator weight: 20 – 40 t		935
ER 1500 G Application area: Mining gypsum and other soft rock Excavator weight: 20 - 40 t	2	1,040
ER 1500 LS Application area: Trenching Excavator weight: 20 – 40 t		750
ER 2000 T Application area: Tunnel profiling Excavator weight: 30 – 50 t	-	1,560



ERKAT **STANDARD TOOLS**

SPECIAL MODEL	Standard pick	Retainer	Standard pick box
ER 40 X ER 50 X	Round attack pick ER 11/28/24/12 C Art. No. 11 28 24 12	Retaining clip ES 50 Art. No. 99 99 99 51	Pick box PH 50 Art. No. 70 04 99
ER 50 ERC 50	Round attack pick ER 19/33/30/15 S Art. No. 19 33 30 15	Circlip SG 100 Art. No. 99 99 99 90	Pick box PH 50 N Art. No. 70 04 50
ER 100 ER 250 L, ER 400 L ERC 100	Round attack pick ER 12/45/38/20 K Art. No. 12 45 38 20	Retainer sleeve on the shaft	Pick box PH 250 Art. No. 72 10 24 E
ER 100 L ER 250 X	Round attack pick ER 16/46/38/20 C Art. No. 16 46 38 20	Contemporation Retaining clip ES 250 Art. No. 99 99 99 91	Pick box PH 250 Art. No. 72 10 24 E
ER 250 ER 450 L ERC 250	Round attack pick ER 12/45/38/22 HC Art. No. 12 45 38 23	Contemporation Retaining clip ES 450 Art. No. 99 99 99 96	Pick box PH 450 Art. No. 72 10 25 UA
ER 600 L ERL 700	Round attack pick ER 15/46/38/22 C Art. No. 15 46 38 22	Contemporation Retaining clip ES 450 Art. No. 99 99 99 96	Pick box PH 450 Art. No. 72 10 25 UA
ER 600 ERC 600	Round attack pick ER 17/64/60/25 Q Art. No. 17 64 60 26	QuickSnap QS 600 Art. No. 99 25 00 25	Pick box PH 600 Art. No. 76 10 25
ER 650 ERL 1100	Round attack pick ER 17/75/70/30 Q Art. No. 17 75 70 35	QuickSnap QS 5000 Art. No. 99 50 00 30	Pick box PH 1000 Art. No. 71 16 10
ER 1500 ERC 1500 ER 1500 L	Round attack pick ER 17/75/70/30 Q Art. No. 17 75 70 35	QuickSnap QS 5000 Art. No. 99 50 00 30	Pick box PH 1500 Art. No. 71 10 22
ER 1700 ER 2000 ERC 2000	Round attack pick ER 19/75/70/30 Q Art. No. 19 75 70 35 E	QuickSnap QS 5000 Art. No. 99 50 00 30	Pick box PH 1500 Art. No. 71 10 22
ER 3000	Round attack pick ER 25/77/80/38-30 Q Art. No. 25 77 80 35 E	QuickSnap QS 5000 Art. No. 99 50 00 30	Pick box PH 5300 Art. No. 75 30 10
ER 5500	Round attack pick ER 25/80/80/38 S Art. No. 25 80 80 38	Circlip SG 5500 Art. No. 99 55 00 38	Pick box PH 5500 Art. No. 75 30 20

Additional pick types to suit special applications can be found in the cutter tool catalogue. We are pleased to provide advice so you can find the right type of pick for your application.

An overview of associated cutting tools can be found in our Cutter Tool Catalogue.







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