



Rheintechnik



HK Rheintechnik

Proven Quality in Veterinary Obstetrics



The hour of birth

Albert Kerbl, then a student at an agricultural school, recognised the enormous potential of HK Rheintechnik calf pullers as early as 1967 and secured the resale rights. This tool was to become the foundation for unprecedented business success.

Kerbl returned to its roots in 2019 and took over the production of the previously exclusively sold products, the associated patents and 'Rheintechnik' and 'HK' trademarks.

More than 1.5 million calf pullers have been sold worldwide since Hermann Kaspar developed the HK Rheintechnik calf pullers more than 50 years ago. The Rheintechnik hallmark together with the HK bull has become a byword for sophisticated technology and impeccably processed, high-quality materials. Registered patents protect Rheintechnik's innovative edge.

Kerbl will carry on making all Rheintechnik products to the same high standard even after the takeover, so that livestock owners, breeders and vets can still enjoy innovative, high-quality products made in Germany.

Visit www.rheintechnik.com and find out more about our products.

Your Kerbl Team

Made in Germany





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These symbols explain our pack units!



1 / 10 / 100

The first figure (1) shows you the unit of sale (number or sale-promoting package). It is the price basis. The following figures (10 / 100) show you other possible packaging units.



6

Pieces in self-service-pack



25

Pieces per bag

Sales promotion packaging
The number quoted is the number contained in the pack. Here the price refers to the packaging units.

MQ

3

Minimum purchase quantity!
This figure (3) shows you the smallest packaging unit, in pieces. This is the minimum order quantity for retail.



200

The number indicated here tells you the total number of pieces per pallet.

€

4,49

All prices provided are the manufacturer's recommended retail prices and are inclusive of VAT. The price quoted in the catalogue applies to one unit or one sales-promoting pack.



All items marked with this icon must be shipped by freight carrier due to the nature of their scale/size or weight. This creates separate freight costs! Optimise freight costs by ordering entire pallet units!

Calf Puller

Cows and heifers usually give birth without help. But if there are complications occur during the second stage, mechanical calf pullers are a life-saving aid. The use of a suitable calf puller is especially important, alongside care and expertise. Otherwise, serious injury or stillbirths could result.

An HK Rheintech calf puller is the right tool to choose. More than 1.5 million calf puller have been sold since Hermann Kaspar developed the HK Rheintech calf puller more than 50 years ago. HK Rheintech calf pullers are known for their reliability.

HK Rheintech is still the only provider to date to offer a 3-year warranty on its calf puller (excluding wearing parts).

We present our various versions and their respective strengths below.

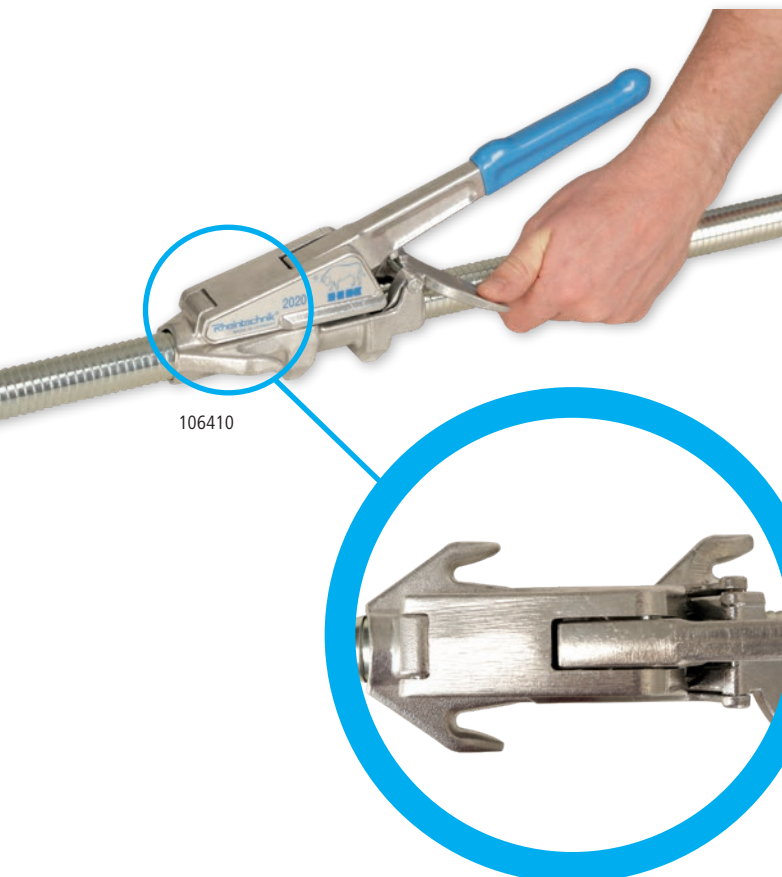
3-year warranty



The Mechanisms

The mechanisms for pulling the calving ropes provide an even, gentle transfer of force to shaft and calving rope. HK Rheintech calf pullers are available with two different mechanisms:

Mechanism 2020 – the Standard Version



Advantages:

- low weight, as made entirely out of aluminium
- with 3 hooks for the calving ropes enabling both alternate and equal tension. Veterinarians recommend alternating tension until the shoulders have entered the mother's pelvis, and then to switch to equal tension for the rest of the birthing process in order to protect the pelvis.
- super easy to use quick release, even under load
- the mechanism can be moved 360 ° around the tube in all models, providing unlimited flexibility



Mechanism 2060 – with tension limiter

The tension limiter prevents pulling the calf with too much force. Without regulation, tensile forces of up to 600 kg can be achieved, representing a substantial risk of injury to the cow and calf. For normal births, forces of up to 160 kg are entirely sufficient.

The HK Rheintech Mechanism 2060 is fitted with an adjustable tension control. The lever locks when the pre-set force is attained. The tension control can also be released in an emergency.



106811

Tension Limiter

Advantages:

- low weight, as made largely out of aluminium
- with 2 hooks for the calving ropes (equal tension)
- super easy to use quick release, even under load
- the mechanism can be moved 360 ° around the tube in all models, providing unlimited flexibility

The Shaft

The length of the shaft should be adjusted to the dimensions of the calving pen. It is also important that the shaft is long enough to help larger calves into the world. Veterinarians recommend a length of 180 cm. The HK Rheintechnik shafts comply with this recommendation.

HK Rheintechnik offers an extension of 30 cm for especially large animals: Item no. 106908

Advantages:

- a unique, patented groove design gives the mechanism a secure hold
- the shaft's geometry leads to wide rather than selective placement of the locking plates. This improves force transfer and lowers wear
- the rounded edges of the grooves further minimise wear and tear
- the unique processing method gives the tube greater wall thickness and so greater stability
- the shaft will last for decades thanks to the high-quality steel alloy
- the tube can be disassembled into three parts, providing handy storage: the HK Rheintechnik calf pullers are ideal for transporting in cars (e.g. for veterinarians)
- extended intermediate piece gives the two-part tube additional stability
- precise, seamless transition between the upper and lower part provides a secure hold even in this area of the tube

106905

The Heads

The head must be designed to prevent slipping in order to prevent re-placement one or more times. At the same time, it should be easy to handle and not interfere with the birth process in terms of space. HK Rheintechnik offers the following models:

HK Plastic Head – The Classic

Sturdy plastic heads with lateral angled clamps for improved stability.

- small, easy to handle, lightweight
- ideal for recumbent births where larger heads can often not be positioned under the recumbent cow

HK plastic heads with adjustable side frame

The steel frame is adjusted to the shape of the pelvis, which prevents the ischium and the long ischium muscles from slipping.

- triple adjustment option means it can be adjusted to each individual animal, i.e. the frame is suitable for both dairy breed with a narrow pelvis and for beef breeds with a wide pelvis
- wide, sturdy head for an even more non-slip fit

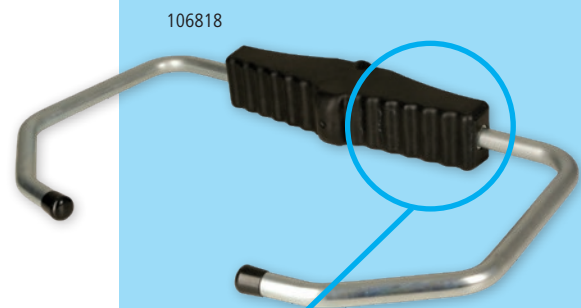
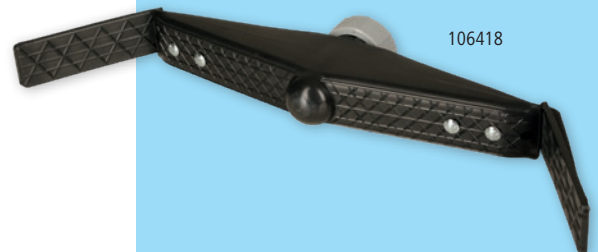
HK Flexi Frames

The best protection against slipping. The frame surrounds the mother's pelvis and reliably prevents slipping down and to the side.

- tiltable, pulling motion possible both towards the tail and towards the udder
- frame made from galvanised steel tube with a smooth surface, making it both hygienic and easy to clean
- suitable for all HK Rheintechnik calf pullers

Available in two versions:

- in the standard version with a 52 cm opening for dairy breeds, steel tube Ø 26 mm
- in the heavy version with a 58 cm opening for beef breeds, steel tube Ø 30 mm



Calf Puller

HK Calf Puller 2020

with Plastic Head and Angle Brackets

- robust plastic head with angle brackets • with mechanism 2020
- stable, thick-walled, galvanized steel tube, length: 180 cm

ref. no.			€
10121	1	50	

HK Calf Puller 2020

with Plastic Head and Steel Clamps



- the wide plastic head and the stable steel clamps with triple adjustment ensure good adaptation and a slip resistant seating • with mechanism 2020 • stable, thick-walled, galvanized steel tube, length: 180 cm

ref. no.			€
10126	1	30	

HK Calf Puller 2020

with HK Flexi Frames

- the frame is adapted flexibly to the animal by means of the swivel strap. This design is easily handled, provides optimum grip and prevents slipping • with mechanism 2020
- stable, thick-walled, galvanized steel tube, length: 180 cm

ref. no.	description			€
10130	2020 with FLEXI Frame 52 cm	1	50	
10131	2020 with FLEXI Frame 58 cm	1	16	

HK Calf Puller 2060

with Plastic Head and Steel Clamps



- the wide plastic head and the stable steel clamps with triple adjustment ensure good adaptation and a slip resistant seating • with mechanism 2060 • stable, thick-walled, galvanized steel tube, length: 180 cm

ref. no.			€
102060	1	30	

HK Calf Puller 2060

with HK Flexi Frames

- top-of-the line model with Mechanism 2060 and Flexi frame provides optimum safety and easy handling while being gentle on the animal
- stable, thick-walled, galvanized steel tube, length: 180 cm



ref. no.	description			€
10140	2060 with FLEXI Frame 52 cm	1	48	
10141	2060 with FLEXI Frame 58 cm	1	16	



HK FLEXI Frame


- with tilting rump-frame for optimum adaptation to the rear of the cow reliably prevents sliding downwards and to the side
- head and frame consisting completely of stable steel tube
- hygiene and easy to clean due to smooth surface
- can be upgraded for all HK calf pullers
- available in two sizes



ref. no.	description			€
106820	for dairy breeds, opening 52 cm, steel tube Ø 26 mm	1	20	
106821	for beef breeds and cows with bigger pelvises: opening 58 cm, steel tube Ø 30 mm	1	20	

Accessories for HK Calf Pullers





ref. no.	description	length		€
106908	Extension for HK Calf Pullers	30 cm	1	
106907	Threaded piece for mounting 106908	-	1	

Spare Ropes for HK Calf Pullers

- in pairs
- twisted, 3-strand
- material: PPMF
- does not absorb blood and does not become rigid





PPMF only absorbs a maximum of 0.1 % moisture instead of 10 %, unlike the polyamide previously used. This means it doesn't shrink when drying, becomes rigid less rapidly and is longer lasting. The rope also absorbs hardly any blood and stays hygienic white.

ref. no.	length			€
103	75 cm	-	1/100	
103/1	75 cm	1	1	

HK Examination Gel

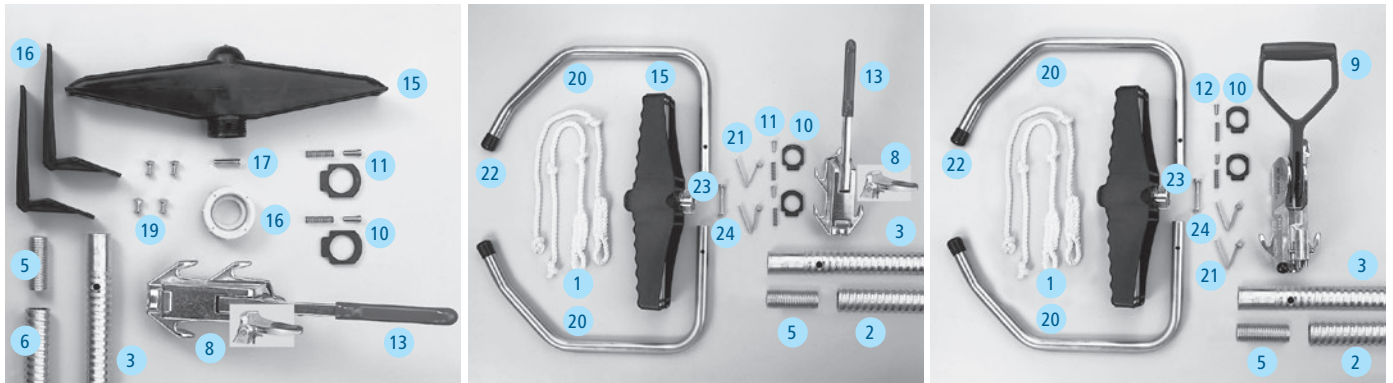
- covers the skin with an optimal lubricating layer
- for all types of veterinary medical examinations
- ideally suited for hands, arms, gloves and instruments
- optimal pH value to maintain sperm quality



ref. no.	content			€
10266	1000 ml	1/10	600	
10267	5000 ml	1/4	192	

You can find more information on all disposable gloves in our agricultural catalogue.

Calf Puller Spare Parts List



no.	description	ref. no. 10121	ref. no. 10126, 10130, 10131	ref. no. 10140, 10141, 102060
1	Spare Ropes, in Pairs	103	103	103
2	Lower Shaft Part with Plastic Cap	106903	106903	106903
3	Upper Shaft Part with Hole	106904	106904	106904
4	Upper and Lower Shaft Part Complete with Intermediate Part and End Cap	106905	106905	106905
5	Intermediate Part, Threaded Piece	106907	106907	106907
6	Extension, approx. 30 cm with Threaded Piece	106908	106908	106908
7	Plastic Cap for Lower Shaft Part	106408	106408	106408
8	Mechanism 2020 with Plastic Coating without Springs, Bolts and Locking Plates	106410	106410	-
9	Mechanism 2060, without Locking Plates Assembled with Release Spring and Bolts	-	-	106811
10	Set of Locking Plates, without Springs and Bolts for Mechanism 2020 / 2060, Turned Tube	106612	106612	106612
11	1 Spring and 1 Bolt for Mechanism 2020 / 2060	106414	106414	106414
13	Plastic Coating for Mechanism 2020 Lever	106416	106416	-
14	Set – 2 Cover Plates and Screws – for Mechanism 2060	-	-	106817
15	Head Complete with Grey Nut, Bolts and Angled Parts	106418	-	-
15	Head Complete with Connector Tube and Aluminium Part Inside the Support but Without the Two Side Supports – Clamp Parts and Fastening Screw	-	106818	106818
16	Grey Nut, for Head	106419	-	-
17	Bolts for Support Fastening	106420	-	-
18	Plastic Bracket Kit with Screws and Nuts	106421	-	-
19	Set of 4 Screws M5 x 16 and 4 Nuts	106422	-	-
20	Support Clamps, in Pairs No. 1 and 2	-	106823	106823
21	Support Clamps Spring	-	116	116
22	Support Clamp Cap	-	106825	106825
23	Aluminium Connector between Support and Upper Shaft for Item No. 10126 - 102060	-	106826	106826
24	Screw M8 x 55 and Nut M8 for Support Fastening	-	106827	106827
25	Clamping Pin Ø 6 x 34 mm for Aluminium Connector and Head	-	106828	106828
26	HK Flexi Frame, 52 cm	106820	106820	106820
27	HK Flexi Frame, 58 cm	106821	106821	106821
28	HK Flexi Frame – Cap for 106820	106825	106825	106825
28	HK Flexi Frame – Cap for 106821	106829	106829	106829
29	Screw M8 x 50 and Nut M8 for HL Flexi Frame Fastening	106830	106830	106830

Calf Resuscitator

The first few minutes are decisive! The calf comes hind legs first or stays in the birth canal for too long. Breathing does not start, birth mucus closes the airways. Now is the time to act quickly! The calf is often pulled up by its hind legs or hung over the closest fence to enable the mucus to flow out of the airways. But the opposite actually happens: the calf has even more trouble breathing as its internal organs press against its lungs and bronchi.

Using a resuscitator, colloquially known as a 'calf saver', is much easier on the farmer's back and also far more effective. Purchasing a resuscitator pays for itself after saving just one calf.

3-year warranty



Dr Bron HK Calf Resuscitator

How it works:

The HK Rheintech calf resuscitator looks like a large air pump. It consists of a sturdy metal cylinder and a hard plastic suction cup with a rubber lip. The suction cup is placed over the calf's nose and mouth.

1. Mucus is removed from the respiratory tract in one powerful stroke.
2. The mucus is expelled from the pump, then air is pumped into the airways. The lung's lobes and alveoli can unfold.

This process can be repeated several times until the calf starts breathing by itself. In the lateral position, the pump can be used several times without expelling the mucus, as it does not re-enter the airways. If the calf does not start breathing by itself after 4 - 5 strokes, it should be turned and the process repeated. This allows the lung that had been closer to the ground and possibly compressed by the weight of the internal organs to come to the top and also unfold.



Advantages:

- especially sturdy The metal cylinder is shock-resistant, the hard plastic suction cup with rubber lip is also practically indestructible. This makes the Dr Bron calf resuscitator perfect for quick use in emergency situations.
- easy handling
- can also be used by a single person



ref. no.



€

1032

1

50

HK Pregnancy Testers for Pigs and Goats

Don't suspect pregnancy, confirm it!

The device generates ultrasonic waves that are sent out from the transducer and reflected when they meet separating layers (e.g. tissue fluid). In pregnancy, the amount of amniotic fluid in the uterus increases so dramatically that it slowly descends into the abdominal cavity, meaning the ultrasonic waves can pick it up. The device converts the reflected ultrasonic waves into a continuous noise, indicating pregnancy. An intermittent whistle noise denotes a lack of separating layer – the animal is not pregnant.

When you want the certainty needed for trouble-free breeding without unpleasant surprises (such as false pregnancies, fertility disorders, etc.) and want to help avoid cuts in profitability due to non-pregnancy, the use of HK Rheintechnik Pregnancy Testers provides the required certainty.



Advantages:

- fast follow-up for early detection of miscarriages
- clever design means super easy handling in practice
- just one button to switch on and off
- automatic shut-off prevents unnecessary energy consumption
- the sturdy, removable clip fastens it safely to your belt or jacket or overall pocket
- the housing is protected against moisture ingress
- additional visual display
- battery compartment shielded from the rest of the electronics with a safety seal
- secure storage in the supplied case
- with 9 V alkaline battery (6LR61) as supplies, optionally available with charger and NiMH battery pack (item 22132)




HK Pregnancy Testers for Pigs

You can quickly and reliably detect pregnant sows using the pregnancy tester between the 28th and 75th day after the last insemination with over 90 % certainty.

Usage:

After applying the contact oil, the probe is directed around 5 - 6 cm above the teat line, in front of the second teat from the back, at a 45 ° angle upwards against the sow's body. Gently moving the probe back and forth on the contacted skin area helps you detect the central region of the abdominal cavity.



ref. no.	description		€
22130	Pregnancy Tester with Spiral Rope + Probe	1/10	
22132	Charger with 9 V NiMH Battery Pack	1	
222-8482	9 V Alkaline Battery Pack	1	


HK Pregnancy Testers for Sheep, Goats, Alpacas

- you can quickly and reliably detect pregnant sheep and goats using the pregnancy tester between the 60th and 120st day after the last insemination with over 90 %
- pregnancy can be reliably detected in alpacas between the 40th and 240th day

Usage:

After applying the contact oil, the probe is pressed against the abdominal wall in the area between the knee fold and the udder base and diagonally up towards the opposite side of the body between the hip bone and last rib.



ref. no.	description		€
2785	Pregnancy Tester with Spiral Rope + Probe	1/10	
22132	Charger with 9 V NiMH Battery Pack	1	
222-8482	9 V Alkaline Battery Pack	1	

HK Pregnancy Testers for Cattle and Mares

The problem:

- the animal was mated and has since shown no signs of returning to oestrus. However, there is a high risk of false pregnancy.
- the animal's pregnancy has been confirmed, but there are signs of returning to oestrus after some months. You should not necessarily conclude that a miscarriage has occurred. A fertility treatment or re-insemination despite pregnancy would lead to a miscarriage.

The solution:

The HK Rheintechnik pregnancy tester provides certainty. The device generates ultrasonic waves that are sent out from the transducer and reflected when they meet separating layers (e.g. tissue fluid). In pregnancy, the amount of amniotic fluid in the uterus increases so dramatically that it slowly descends into the abdominal cavity, meaning the ultrasonic waves can pick it up. The device converts the reflected ultrasonic waves into a continuous noise, indicating pregnancy. An intermittent whistle noise denotes a lack of separating layer – the animal is not pregnant.

Usage:

The starting point for the probe, lubricated with contact oil, is beneath the knee fold at the base of the udder. In the case of an existing pregnancy, the ultrasound waves are reflected from the amniotic fluid, causing a loud, continuous tone. If the probe is moved too far towards the tail, reflections off the bladder or pelvic floor can lead to a false positive. In the case of an unclear result, repeat the process 2 - 3 days later for additional certainty.



Advantages:

- you can determine when you want the examination to take place
- no previous expertise or training required
- no unpleasant transrectal examination required for the animal, so no risk of miscarriage
- the device is comfortably worn on the belt, leaving both hands free for measurement
- robust workmanship in a solid plastic casing
- automatic shut-off prevents unnecessary energy consumption
- in most cases, the test takes less than 30 seconds
- the housing is protected against moisture ingress
- secure storage in the supplied case
- supplied with 4 x 1.5 V AA (LR6) batteries

HK Pregnancy Tester for Cattle

You can quickly and reliably detect pregnant cows using the pregnancy tester between the 90th and 240th day after the last insemination. This gives you the necessary certainty that no miscarriage has occurred since the initial pregnancy test. If the cow is due to be slaughtered, you should ensure that the animal is not pregnant.



ref. no.



€

1060

1/10

HK Pregnancy Testers for Mares

You can quickly and reliably detect pregnant mares using the pregnancy tester between the 11th and 41st week after the last mating with over 90 % certainty.



ref. no.



€

323

1

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