

SoRoto[®]
HARD WORKING SINCE 1986

FORCED ACTION MIXERS
TUMBLE MIXERS
BELT CONVEYORS
FLOOR SAWS
TABLE SAWS
ELECTRIC MIXERS & WHISKS
SUBMERSIBLE COMBI PUMPS

ROUGH & TOUGH MACHINERY



PRODUCT CATALOGUE



WE KNOW
THE ROUGH WORKING AND WEATHER
CONDITIONS ON THE CONSTRUCTION SITE.

WE KNOW
YOUR REQUIREMENTS AND WE BRING
YOU HARD WORKING MACHINES THAT
JUST KEEP ON GOING...

28 PAGES OF **QUALITY**

The trend in European construction goes towards better work environment as well as greater efficiency and profitability. Therefore it is important that we constantly develop products that meet the demands of the future.

SoRoTo® was established in 1986 and is a leading manufacturer and supplier of forced action mixers and belt conveyors.

We develop our products in cooperation with our customers and often lead the way when it comes to new designs and improvements.

At SoRoTo® we emphasize quality, as well as the need for the machines to be handy and durable.

It takes roughly three years to develop a new machine, especially since we test many components before finding the ones that meet our requirements. They must comply with the rough and tough working conditions on construction sites — **and at SoRoTo® we settle only for the best.**

Enjoy our catalogue, and check out soroto.com for detailed info.

**DESIGNED
ASSEMBLED
TESTED
IN DENMARK**

SoRoTo
HARD WORKING SINCE 1986

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FORCED ACTION MIXERS

SMALL, MEDIUM, LARGE or some size in between. We have the widest range of forced action mixers with 7 sizes to choose from, but only one quality – the best.

Small mixers get through doors and upstairs. They are perfect for indoor projects.

The large mixers are used on construction sites to do what SoRoTo® forced action mixers do: Produce a better, more homogenous mix, than any other mixer can.

THINK BIG

AND CHOOSE THE RIGHT SIZE



65-Light

- MODEL 65-LIGHT**
- MIXING CAPACITY: 65 LITRES
 - STEEL BLADES



40L

- MODEL 40L**
- MIXING CAPACITY: 40 LITRES
 - STEEL BLADES INCL.



80L

- MODEL 80L**
- MIXING CAPACITY: 80 LITRES
 - STEEL BLADES INCL.



100L

- MODEL 100L**
- MIXING CAPACITY: 100 LITRES
 - STEEL BLADES INCL.



120L

- MODEL 120L**
- MIXING CAPACITY: 120 LITRES
 - STEEL BLADES INCL.



200L

- MODEL 200L**
- MIXING CAPACITY: 200 LITRES
 - RUBBER BLADES INCL.



300L

- MODEL 300L**
- MIXING CAPACITY: 270 LITRES
 - RUBBER BLADES INCL.

BE ORIGINAL – BUY ORIGINAL

THE ORIGINAL SOROTO® FORCED ACTION MIXER has set the standard for forced action mixers worldwide for many years.

We still sell spare parts for some of the first models we introduced, and we are proud to say that the service life of a SoRoTo® Forced Action Mixer can be more than 20 years.

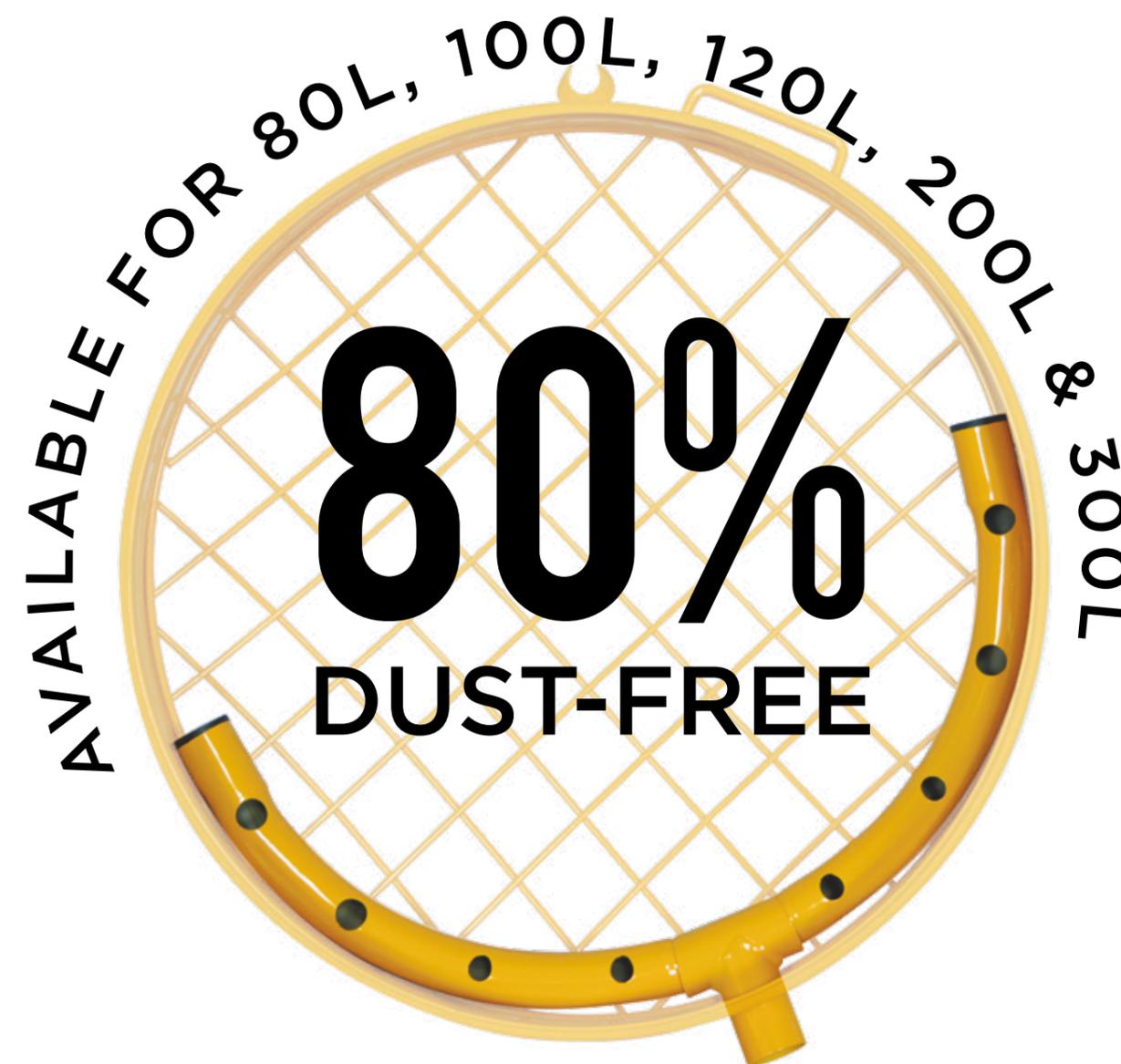


DUST CONTROLLER

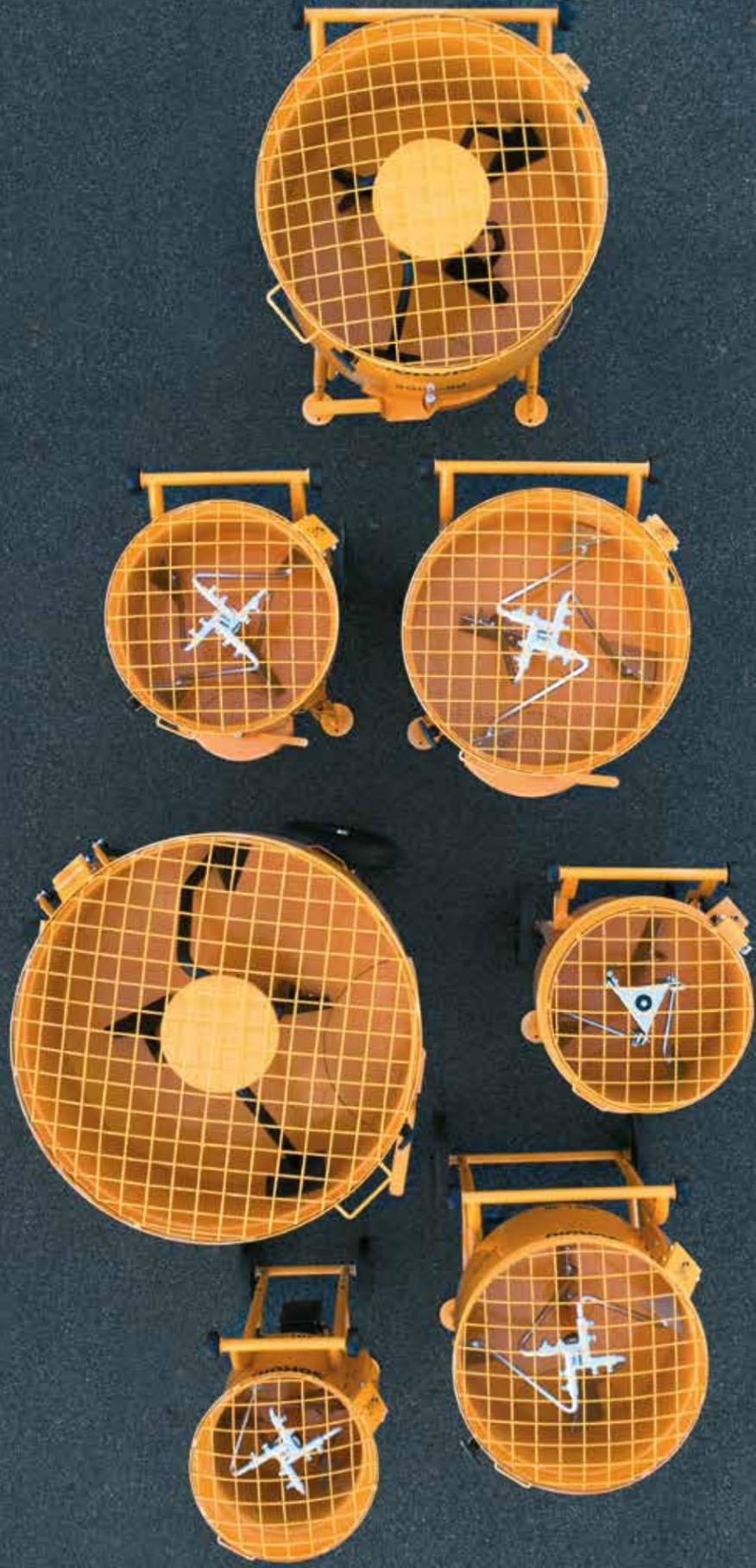
UPGRADE YOUR SOROTO® FORCED ACTION MIXER WITH A DUST CONTROLLER and reduce dangerous dust discomfort by up to 80% – without losing access to the mixture. Compatible with most industrial vacuum cleaners, and easy to use.



Watch the video on soroto.com



WIDEST RANGE



A SOROTO® FORCED ACTION MIXER CAN MIX ALMOST ANYTHING in 3-5 minutes if you use it correctly.

YOU NEED the efficiency of a forced action mixer if you are to produce a completely homogenous mix like for instance earth-moist concrete (EMC) – where all the molecules of the product are activated.

THE DISTINCTIVE SoRoTo® System generates the perfect mix.

THE MIXERS have an RPM of 30, which is the perfect amount for mixing most cement products. If they mix any faster, most products will have snowball-like lumps, and give off too much water when used.

THE STEEL SHOVELS can mix any lean product, and are the obvious choice for epoxy or resin as well, but when mixing with aggregates of 8mm or over, you should use a mixer with rubber shovels.

THE FLEXIBILITY of the rubber protects both gears and drum, if a stone gets stuck.

IF YOU HAVE many different mixer projects, it is a good idea to purchase both mixer systems. They can be interchanged without tools, and this way you get 2 machines in 1.

If you are keen on finding out more, please check out our blog on soroto.com

2 MACHINES IN 1

AVAILABLE WITH EITHER RUBBER OR STEEL SHOVELS



Watch the product video on soroto.com

TUMBLE MIXERS



CME SERIES
Mixing capacity:
up to 125 litres



CMS SERIES
Mixing capacity:
Up to 150 litres



CMP SERIES
Mixing capacity:
Up to 255 litres

SOROTO® HAS CONCRETE TUMBLE MIXERS FOR EVERY USE – with a capacity of up to 850 litres.

SoRoTo® Standard (CMS) is a professional high quality series for smaller jobs.

SoRoTo® Pro (CMP) is somewhat more powerful, with 2 or 3 double mixing blades.

SoRoTo® Economic (CME) is the low-cost model.

We also offer tumble mixers with optional trailer coupler (CMT), extra large models (CMX, CMR), smaller models that can be transported as a wheelbarrow (CMW) - and then there is the quiet model (CMG). See the total selection on soroto.com

SOROTO
KING SINCE 1986



LUBRICATION NIPPLES
allow for easy
maintenance.



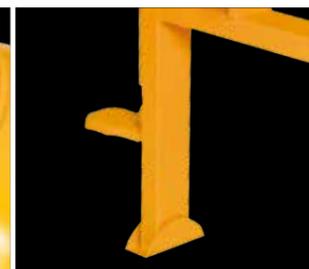
GEAR RING OF CAST IRON
makes the machine extra
robust.



**TRUCK POCKETS
AND LIFTING HOOK**
ensure easy handling
during transport.



FULLY WELDED DRUM
with a reinforced opening.



FOOT PEDAL
triggers lock of drum
adjustment, and is easy
to handle.



A SOROTO® BELT CONVEYOR INCLUDE

See other options on page 16-17

LIGHTWEIGHT ALUMINIUM FRAME
which allows one man to move the conveyor by himself.

CARRIERS
PVC belt with 10 mm high carriers.

SIDE BATTENS
Aluminium and PVC

UNIQUE MODULAR SYSTEM
Only the worn-out parts have to be replaced – thus keeping the maintenance costs at a minimum.

START/STOP
Protective motor switch & thermal circuit breaker.

SELF-ADJUSTING SAFETY RELAY
plus starting and operating capacitors.

BELT CONVEYORS

LIGHTEN YOUR WORK LOAD WITH SOROTO®

A belt conveyor replaces a wheelbarrow or simple shoveling. It frees up time, and saves you potential lasting back pain.

SoRoTo® Belt Conveyors are based on a lightweight aluminum construction, and one man alone can move even the 8m conveyor with ease.

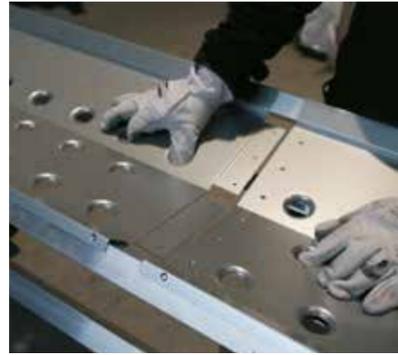
The clever design with open sides and holes in the steel plates under the PVC-belt have many benefits.

The holes let the belt and machinery cool down, and they ensure, the machinery cleans itself during operation. Dirt and filth simply fall through the holes and out through the open sides.

The plates are modular, replaceable in short sections. The modules fit all sizes, so if you have several SoRoTo® Conveyors, you can have a small number of plates stored, to put on any of the belt conveyors. From 2 to 8 meters.

An extra, fortified steel plate is put on top of the first module under the feeder, to provide extra protection right where it is needed the most.

Watch the product video on soroto.com



8.0 M

WEIGHT 120 kg

6.0 M

WEIGHT 100 kg

4.5 M

WEIGHT 85 kg

3.3 M

WEIGHT 65 kg

2.0 M

WEIGHT 45 kg

STRONGER. LASTS LONGER.

SOROTO®
WIDEST RANGE
OF SIZES AND
VARIATIONS OF
BELT CONVEYORS



BELT CONVEYORS

SoRoTo® Belt Conveyors include all the details you need to begin working with your conveyor. It is complete with a standard feeder, a standard belt with 10 mm carriers, an undercarriage with wheels, and even scaffolding-fitting.

Workers use their conveyors for many different projects, and naturally it is possible to customize your SoRoTo® Belt Conveyor to almost any job or industry.

Learn more about the customization on page 16-17

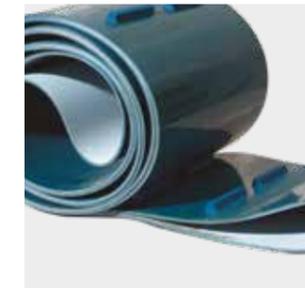
Standard feeder



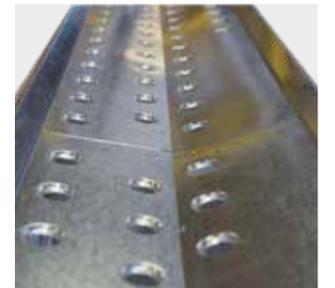
Two-wheel click on-click off undercarriage



PVC-belt with 10mm high carriers



Self-cleansing modular system



INCLUDED



LIGHT & EASY

COSTUMIZATION

ADAPT THE SOROTO® BELT CONVEYOR TO FIT YOUR NEEDS.

One of the ways, you can tweek a SoRoTo® Belt Conveyor is with the belt.

The standard PVC-belt has 10mm carriers, but there are several belts to choose from. E.g. the belt without carriers is for heavy and wet material such as wet concrete; tall carriers are great for lighter materials like hay or wood chips.

The power grid varies from country to country, which is why our motors are of course adapted to different Voltages and Kilowatts. SoRoTo® also offers heat-resistant motors for the warmer parts of the world, we have motors with variable speed (vario) and some that can run both forwards and backwards.

We manufacture for the whole world and many industries, and we can adapt our conveyors to fit your needs as well.

If you want to know more about your options, please check our website, see the product video or give us a call.



SERIAL CONNECTION
WITH A SOROTO® EXTENSION
CORD YOU ARE ABLE TO
CONNECT UP TO 3
SOROTO® BELT CONVEYORS

INCLINATION
DEPENDING ON THE MATERIAL
YOU'RE MOVING, THE SOROTO®
BELT CONVEYOR CAN BE
ANGLED AS SHOWN BELOW

EXTRA OPTIONS

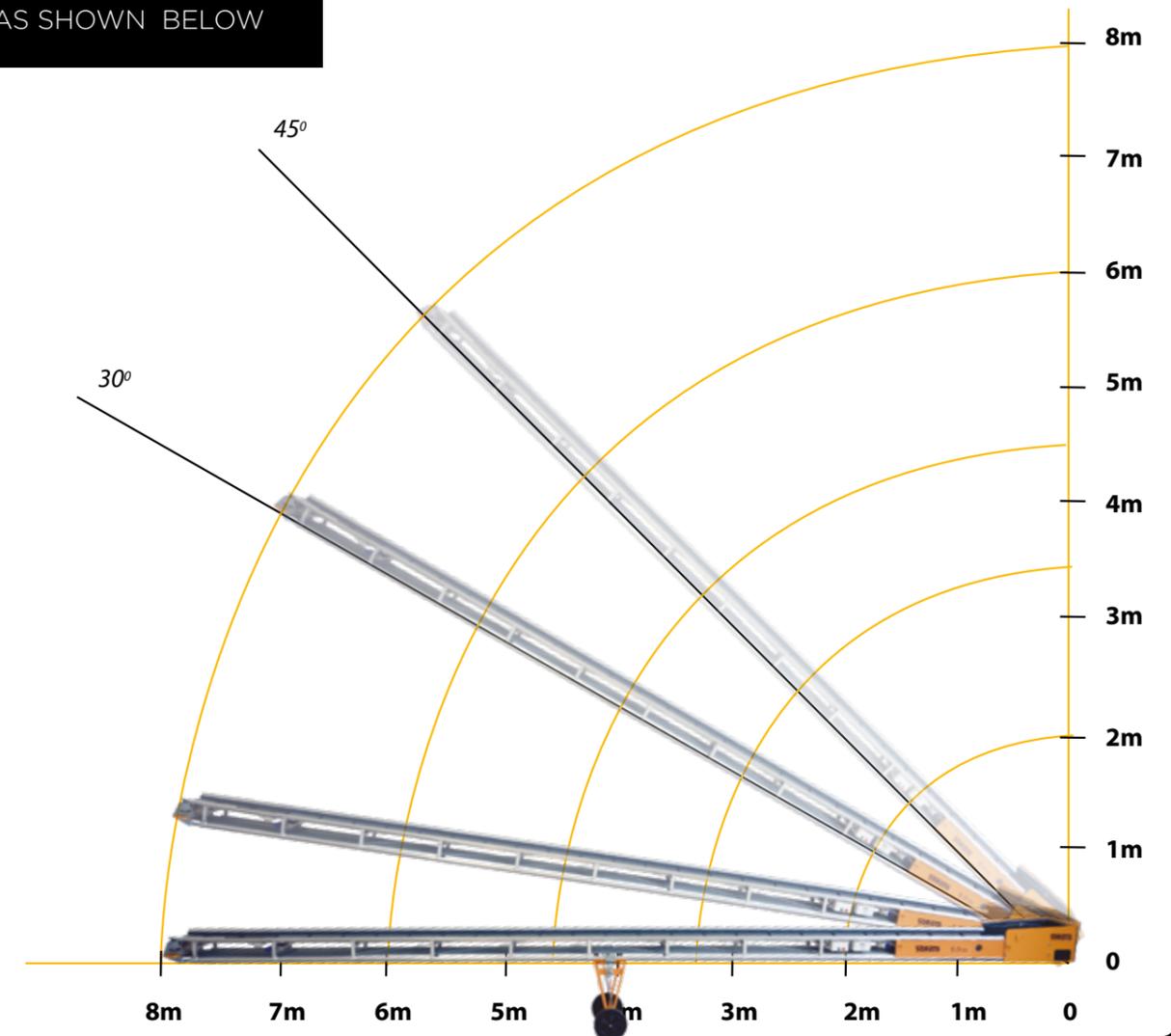
Extra wide feeder for wheelbarrow



Truck pockets



Customized motors for different purposes



FIT YOUR NEEDS

FLOOR SAWS



MODEL SFS P400-16
Cutting depth:
135 mm



MODEL SFS C600-20
Cutting depth:
200 mm



MODEL SFS M400-13
Cutting depth:
107 mm

SOROTO® FLOOR SAWS for concrete and asphalt are fast, lightweight and easy to handle — and available for all uses.

Every machine has easy and quick access to the belts, and it only takes 5 minutes with the new tightening system. The motor is placed on the same side as the diamond blade, which improves performance. Depth control takes place with a lightweight pneumatic gas shock absorber, and the chassis is designed to always remain horizontal, maximizing the cutting depth.

Diamond blades are available in different sizes and for most purposes. Check out soroto.com for more info.



TABLE SAWS

ROBUST AND MULTIFUNCTIONAL

The SoRoTo® Table Saws are designed for working with different cutting lengths and depths. An obvious choice for the rental industry as well as the contractor and all-round tiler.

Whether you prefer pulling the cutting head or pushing the table, we have a table saw for you.

Some SoRoTo® Table Saw Series include wheels and foldable legs.



SMS SERIES
Cutting Depth: 272-420 mm
Cutting Length: 702-844 mm



SDS SERIES
Cutting Depth: 75-100 mm
Cutting Length: 640-650 mm
Available with fixed or foldable legs



SBS SERIES
Cutting Depth: 200-355 mm
Cutting Length: 480-540 mm
Incl. foldable legs



SPS SERIES
Cutting Depth: 40-63 mm
Cutting Length: 700-1000 mm
Incl. foldable legs



SVS SERIES
Cutting Depth: 75 mm
Cutting Length: 200-1500 mm
Incl. foldable legs

JUST ADD WATER

ELECTRIC MIXERS



INCLUDED

ALL ELECTRIC MIXERS ARE EQUIPPED WITH A DRILL CHUCK AND INCLUDE A WHISK.

SOROTO® MIX 850W
RPM: >500



SOROTO® MIX 1220W
RPM: >480 / >800



SOROTO® MIX 1300W
RPM: 180-460 / 300-700



SOROTO® ELECTRIC MIXERS ARE AVAILABLE IN 3 MODELS WITH VARYING POWER.

850W

A compact mixer, which, despite its size, is strong and perfect for the user, who needs a mixer for small, infrequent jobs. Incl. a standard whisk.

1220W

For the construction worker with a regular use. Incl. a GA120 whisk.

1300W

A large and strong mixer with a wide ergonomic grip. Incl. a GA120 whisk.

WHISKS

THE BA-SERIES is for paint products and other watery materials.

THE GA-SERIES is an all-round whisk series. However, GA is most effective in viscous products, such as tile adhesive, plaster and masonry mortar.

THE SA-SERIES is available with either mixing paddles coiled clockwise or counter-clockwise (negative). The counter-clockwise version is best suited for thin-flowing products; the clockwise model for viscous products.

SMART DESIGN.

FAST & ERGONOMIC.

The conical design of the SoRoTo® SA and GA series results in a 15-20% faster mixing time compared to traditional whisks. The whisk follows the sloping sides of the masonry tub allowing you to scrape the edges. Avoid making a mess, and avoid unnecessary twisting of your back.

SOROTO®
GA- & SA-whisk

TRADITIONAL
whisk



SUBMERSIBLE COMBI PUMPS

2 PUMPS IN 1

The bottom strainer is easily replaced with the included bottom suction which drains down to 3mm. When you buy a SoRoTo® Combi you get 2 pumps in 1.

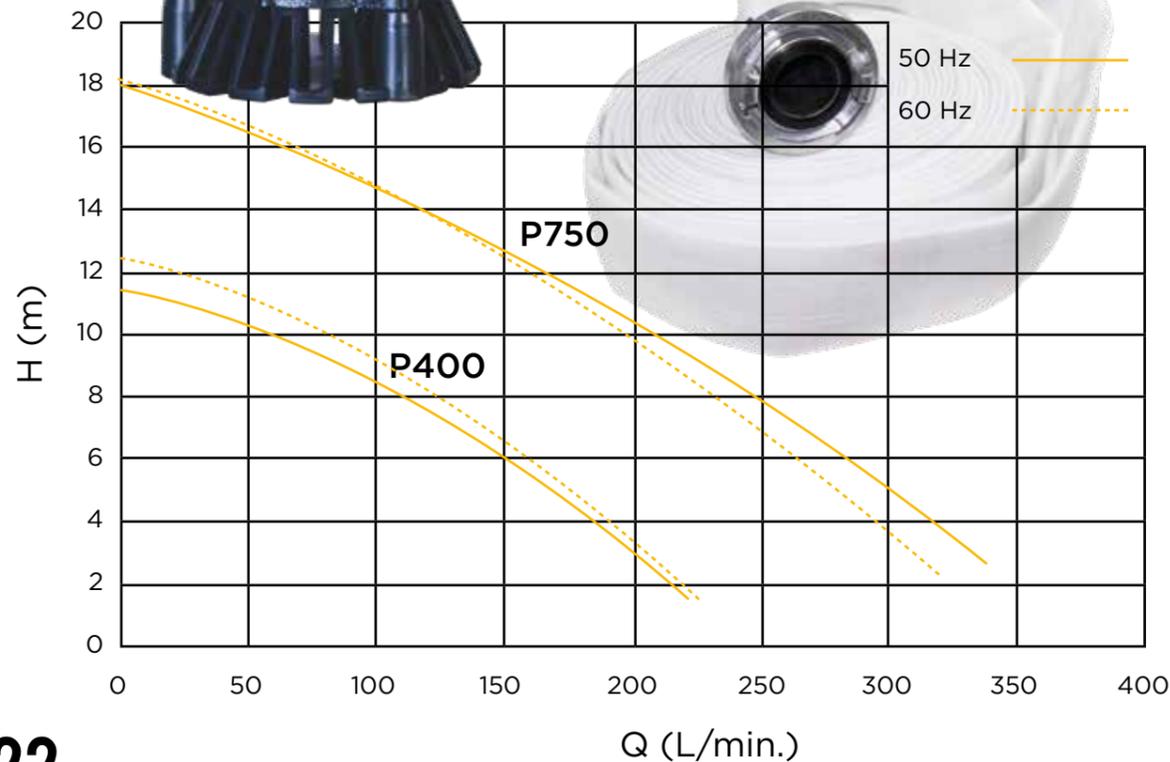
In addition, the SoRoTo® Combi is equipped with NTN ball bearings and a vortex wheel in durable virgin rubber polyurethane. The thermo fuse prevents the pump from overheating, for instance when dry running for a longer period of time.

SOROTO® COMBI PUMPS are made of the most durable materials, and every single pump is pressure tested.



SOROTO® COMBI P400
Lifting height: 11 metres
Lifting volume: Up to 220 l/min.

SOROTO® COMBI P750
Lifting height: 18 metres
Lifting volume: Up to 330 l/min.



MOLDED CABLE
prevents water from entering the cord.

UNDER-RECESSED HOLE WITH SEAL AT THE OIL CHAMBER

ALL SCREWS ARE MADE OF STAINLESS STEEL

DOUBLE MECHANICAL SIC-SHAFT SEAL
in strong ceramic material mounted in the oil chamber. Also ensures constant lubrication.

STIRRER IN SUCTION
which ensures that e.g. mud is diluted with water and does not clog or overload the pump.



BOTTOM STRAINER & SUCTION
The bottom strainer can be replaced with the included bottom suction for draining down to 3 mm.

APPLICATION

SoRoTo® Combi Pumps are drain pumps for grey water, which means rain water, ground water and the like. They can handle mud and small lumps of clay.

- **EXCAVATION** Leading water away from the construction site.
- **DEWATERING** With or without sump. In basements, residential areas, gardens etc.
- **SLUDGE PUMP** In sumps.



KEEPS ON GOING...

"It just keeps on going!"

Anders Ring Ibsen,
Bricklayer at Kjær Knudsen



QUALITY

"Great and amazing quality"

Gudmundur Ægisson,
Rental Manager at STARK KM Frederiksberg



RELIABLE

"It's my best co-worker"

Brian M. Andersen,
Masoner at Murermester BMA



THE BEST

"The SoRoTo Forced Action Mixer is the best on the market"

Christian S. Jørgensen,
Production Manager at ØENS Murerfirma A/S

TECHNICAL DATA

Forced Action Mixer	40L	80L*	100L*	120L*	200L*	300L*
Motor, V	230 / 110	240 / 110	240 / 110	240 / 110	400 / 110	400
Output, kW	0.75	1.1	1.1	1.1 / 1.8	2.2	3.0
RPM	30	30	30	30	30	30
Drum Capacity, L	41	81	106	123	220	300
Mixing Capacity, L	40	80	100	120	200	270
Adjustable Height, cm	103-121	109-127	109-127	117-127	128-138	120-140
Width/Depth, cm	60/60	60/75	68/80	72/95	89/104	100/120
Weight, kg	64	88	98	105	175	281

* Available as Vario or Speedy, too.

Forced Action Mixer	65 Light
Motor, V	240
Output, kW	0.75
RPM	30
Drum Capacity, L	67
Mixing Capacity, L	65
Adjustable Height, cm	110-124
Width/Depth, cm	64/67
Weight, kg	69

Tumble Mixer, series*	CME	CMP	CMS
Motor, V	240	240	240
Mixing Capacity, L	100-125	130-150	130-150
Height, cm	140	127-137	135-137
Width/Depth, cm	67-119/75-127	104-190/111-181	75-132/76-138
Weight, kg	55-65	55-80	52-61

* Several models are available with petrol and diesel motor.

Belt Conveyors	2.0M	3.3M	4.5M	6.0M	8.0M
Motor, V	240 / 110	240 / 110	240 / 110	240 / 110	240 / 110
Output, kW	0.50	0.50	0.50	0.55	0.55
Speed, cm/sec.	32	32	32	32	32
Length, cm	220	330	450	600	800
Belt Material	PVC	PVC	PVC	PVC	PVC
Belt Width, cm	34	34	34	34	34
Frame	Alu.	Alu.	Alu.	Alu.	Alu.
Frame Width, cm	48	48	48	48	48
Frame Height, cm	23	23	23	23	23
Max. Inclination**	30/45°	30/45°	30/45°	30/45°	30/45°
Weight, kg	45	65	85	100	120

* Available with 110V, 400V and 2-ways motor, too. ** Depending on the type of material.

Floor Saws*	SFS P400-16	SFS C600-12	SFS M400-13
Motor	Honda GX270	Honda GX390	Honda GX390
Motor Type	Recoil start	Recoil start	Recoil start
Water Tank, L	20	50	20
Blade Dimension, mm	350x25.4	600x25.4	350x25.4
Cutting Depth, mm	135	200	107
Weight, kg	72	188	71.6

* Some models are available with diesel or petrol. Diamond blades are available in various sizes and may be purchased according to need

TECHNICAL DATA

Table Saws, series*	SBS	SDS350	SDS400	SMS	SPS	SVS
Motor, V	240	240	240	400	240	240
Output, kW	2.2-3.0	2.2-3.0	2.2-3.0	5.5-7.5	1.1	2.2-3.0
Water Tank, L	42	42	42	87	32-42	42
Blade Dimension, mm	400-700x25.4	300-350x25.4	350-400x25.4	400-700x25.4	200-230x22.2	300-350x 25.4
Cutting Depth, mm	200-355	75-100	75-100	725-1000x60	40-63	75
Cutting Length, mm	480-540	640-650	640-650	272-844	700-1000	200-1500
Weight, kg	89-128	69-73	69-73	280-303	50-57	84-123

* Several models are available with 110V and 400V. Most models incl. diamond blade..

Electric Mixers	850W	1220W	1300W
Motor, V	240	240	240
Output, kW	0.85	1.22	1.3
RPM	<500	>480 / >800	180-460 / 300-700
No. of Gears	1	2	2
Cable, m	3.5	3.5	5.0
Inner thread	M14	M14	M14
Whisk, max. Ø mm	120	140	160
Protection Class	II	II	II
Weight, kg	2.8	3.6	4.5

Whisks	BA60R	BA70K	BA80K	BA85K	BA95	BA100K
Dia., mm	60	80	80	85	100	100
Height, mm	390	400	555	500	600	655
Weight, kg	0.13	0.27	0.43	1.25	1.25	0.69
Fitting with - 13 mm Drill Chuck (D) - M14 Thread (T)	D	D	D	D	T	D

Whisks	GA90K	GA120K	GA120	GA140	SA120NEG	SA120
Dia., mm (bottom/top)	80/100	110/130	110/130	130/150	110/130	110/130
Height, mm	555	655	655	655	655	655
Weight, kg	0.61	1.21	1.54	1.71	1.58	1.58
Fitting with - 13 mm Drill Chuck (D) - M14 Thread (T)	D	D	D	D	T	D

Submersible Combi Pumps	SITO Combi P400	SITO Combi P750
Motor, V	240	240
Type	Manual	Manual
Output, kW	0.4	0.75
Max. Lifting Volume, L/min.	220	330
Max. Lifting Height, m	11	18
Width, mm	249	279
Height, mm	343	368
Hose Connector	2"	2"



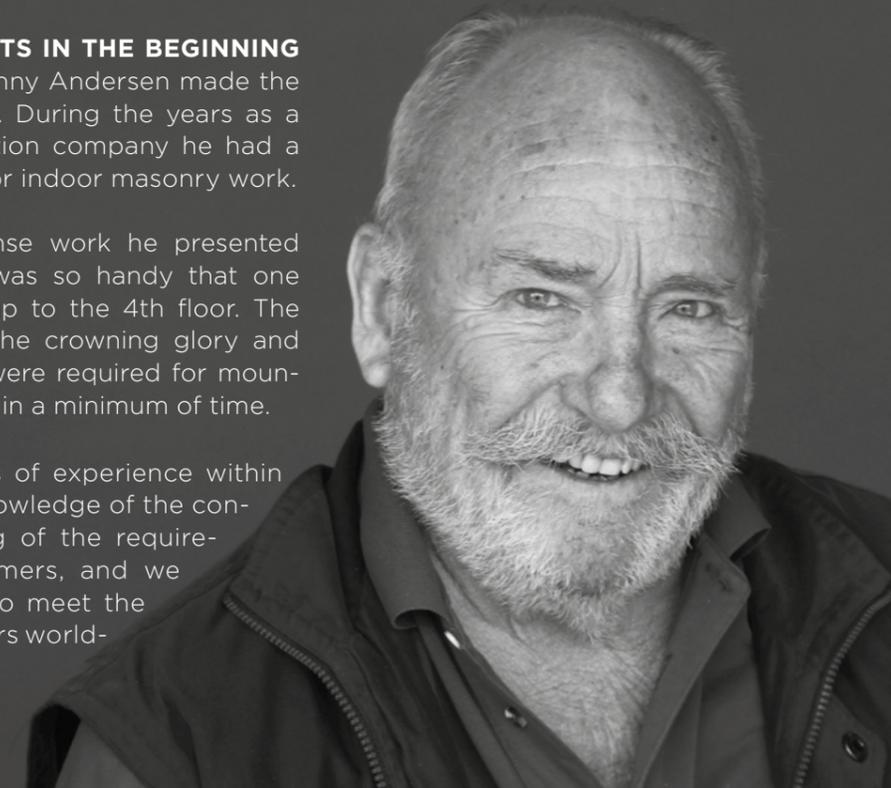
BENNY ANDERSEN FOUNDER OF SOROTO®

**”THE BEST SINCE 1986
— IS ALL THE GREAT FEEDBACK”**

THE STORY OF SOROTO® STARTS IN THE BEGINNING OF THE 80'S, when bricklayer Benny Andersen made the decision to design his own mixer. During the years as a bricklayer with his own construction company he had a need for an efficient small mixer for indoor masonry work.

After a couple of years of intense work he presented a revolutionary machine, which was so handy that one man alone could easily bring it up to the 4th floor. The design of the mixer arms were the crowning glory and subsequently patented; no tools were required for mounting and they secure a perfect mix in a minimum of time.

SoRoTo® has more than 30 years of experience within the company, a deep practical knowledge of the construction industry, understanding of the requirements from partners and customers, and we offer continuous improvements to meet the future demands from our customers world-wide.



IT'S A FACT

FABRIKSPARKEN 11-13 DK-2600 GLOSTRUP

SALES SUPPORT / ADMIN +45 36 72 75 00 SALES@SOROTO.DK

MONDAY TO THURSDAY 08:00 - 16:00 FRIDAY 08:00 - 15:30

SOROTO.COM



SOROTO[®]
HARD WORKING SINCE 1986



**THOROUGHLY TESTED. THE SOROTO[®]
CAN MANAGE ANY KIND
OF ROUGH & TOUGH WEATHER
& WORKING CONDITIONS.
STRONGER. LASTS LONGER.**