

STORAGE SYSTEMS

PRACTICAL SOLUTIONS FOR CABLE LAYING



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drum winding machines
ring coiling machines
storage rack systems



Storage Systems

drum winding machines

*flexible handling for easy
& fast re-coiling*



It is not always feasible to store or transport cables in rings. To allow for **simple, safe and fast recoiling** from one cable drum to another Katimex can offer a range of **stationary** or **mobile** drum winding machines.

KATIMEX® mobile drum winding machines cater for drum diameters from **600-2600 mm** with a load capacity of up to **6000 kgs** as well as coils with an external diameter of **800 mm or 1000 mm**. All machines are equipped with nylon wheels which provide **flexible use** within the working or storage areas.

In the machines **basic configuration** cable drums are lifted via **hydraulic hand pump**, however with the **wide range of options available** all basic models can be upgraded to a semi automatic level.

With **combination of vertical storage and withdrawal** the Katimex drum winding machines would show an immediate saving on time and labour.



Storage Systems drum winding machines

Winding Machine



Winding Machine with fixed drum axle

oil-hydraulic lifting mechanism via handpump, easy fitting of coiling head to the shaft
 continuous variable speed 0-70 rpm
 max. drum width 710 mm

OPTIONS: additional drum axle for small drums from Ø 100-500 mm
 electro-hydraulic jacks and shears, calibratable measuring device up to Ø 60 mm
 or Ø 100 mm with ± 0,4 % toleranz, automatic cable layering

drum-Ø	load capacity	weight	art.-no.
600-1000 mm	700 kg	303 kg	107150

Winding Machine



Winding Machine with fixed drum axle and parallel fitted Coiling Head

Coiling head Ø 800 or 1000 mm, oil-hydraulic lifting mechanism via handpump
 continuous variable speed 0-70 rpm
 max. drum width 710 mm

OPTIONS: additional drum axle for small drums from Ø 100-500 mm
 electro-hydraulic jacks and shears, calibratable measuring device up to Ø 60 mm
 or Ø 100 mm with ± 0,4 % toleranz, automatic cable layering

drum-Ø	load capacity	weight	art.-no.
600-1000 mm	700 kg	400 kg	107151

Coiling Head



Coiling Head Standard for Winding Machines with fixed drum axle

conical expandable winding core, variabel adjustable from 320-620 mm
 external diameter 800 or 1000 mm

external-Ø	weight	art.-no.
800 mm	33 kg	107351
1000 mm	37 kg	107353

Coiling Head



Retractable Coiling Head for Winding Machines with fixed drum axle

conical winding core, core-Ø adjustable to 320 or 520 mm
 coils can be demounted easily, external diameter 800 or 1000 mm

external-Ø	weight	art.-no.
800 mm	40 kg	107352
1000 mm	40 kg	107354



Storage Systems drum winding machines

Winding Machine



Winding Machine with drum axle

oil-hydraulic lifting mechanism via handpump, continuous variable speed

OPTIONS: electro-hydraulic jacks and shears, calibratable measuring device up to Ø 60 mm or Ø 100 mm with ± 0,4 % toleranz, electronic counter with auto-stop, automatic layering (SPO8), PLC all functions automatic electric drive for manouvering of the machine, steerable wheels at rear-end [required for the use with electric drive]

drum-Ø	load capacity	weight	art.-no.
600-1600 mm	2000 kg	540 kg	107152
600-2200 mm	4000 kg	650 kg	on request
600-2600 mm	6000 kg	750 kg	107158

Winding Machine



Winding Machine with center sleeve arms

electro-hydraulic lifting and gripping, continuous variable speed

OPTIONS: electro-hydraulic shears, calibratable measuring device up to Ø 60 mm or Ø 100 mm with ± 0,4 % toleranz, electronic counter with auto-stop, automatic layering (SPO8), PLC all functions automatic, electric drive for manouvering of the machine, steerable wheels at rear-end [required for the use with electric drive], separate operating of center sleeve arms

drum-Ø	load capacity	weight	art.-no.
600-1600 mm	2000 kg	740 kg	on request
600-2200 mm	4000 kg	1550 kg	107156
600-2600 mm	6000 kg	1700 kg	on request

Coiling Head



Coiling Head Standard for Winding Machines with fixed drum axle

conical expandable winding core, variable adjustable from 320-620 mm external diameter 800 or 1000 mm, different types available

It would be a pleasure to advise you on your requirements!

Coiling Head



Retractable Coiling Head for Winding Machines with fixed drum axle or center sleeve arms

conical winding core, core-Ø adjustable to 320 or 520 mm coils can be demounted easily, external diameter 800 or 1000 mm

It would be a pleasure to advise you on your requirements!

Storage Systems drum winding machines

Unwinding Machine



Unwinding Machine with drum axle

oil-hydraulic lifting mechanism via handpump

OPTIONS: electro-hydraulic jacks, electric drive for manouering of the machine
steerable wheels at rear-end, (required for the use with electric drive), disc brake

drum-Ø	load capacity	weight	art.-no.
600-1600 mm	2000 kg	240 kg	on request
600-2200 mm	4000 kg	480 kg	107155
600-2600 mm	6000 kg	580 kg	107157

Unwinding Machine



Unwinding Machine with center sleeve arms

electro-hydraulic lifting and gripping

OPTIONS: separate operating of center sleeve arms, electric drive for
manouering of the machine, steerable wheels at rear-end (required for the use
with electric drive), disc brake

drum-Ø	load capacity	weight	art.-no.
600-1600 mm	2000 kg	600 kg	on request
600-2200 mm	4000 kg	1200 kg	107154
600-2600 mm	6000 kg	1300 kg	on request



Storage Systems

ring coiling machines

*efficient & problem-free
coiling and uncoiling of cable coils*



KATIMEX® offers a full product range of **Decoiler and Ring Coiling Machines** for the coiling and uncoiling of cable coils.

Whether the requirement is for **fully automatic cable assembly** or a **ring coiling operation** where the cable is being transferred from large, heavy cable drums to short cable coils, KATIMEX® would be able to provide the correct machinery for your application.

Our equipment is used throughout **trade, industry and energy supply companies.**

KATIMEX® Ring Coiling Machines are available in **manual or motor driven versions** and dependant on which model is chosen there are options available with **measuring devices** or **measuring and cutting devices** fitted.





Storage Systems ring coiling machines

Coiler / Uncoiler

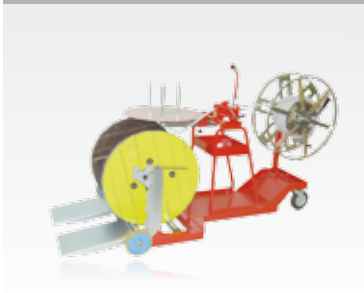


Coiler / Uncoiler for cable coils, manual or motor driven

including cable length measuring device and shears for cables up to Ø 35 mm conical expandable winding core for cable coils Ø 320-620 mm take-up diameter feedingplate 80-320 mm, different types available

type	load capacity	weight	art.-no.
manual	100 kg	116 kg	107140
Motor 35 rpm	100 kg	136 kg	107141
Motor 0-75 rpm	100 kg	138 kg	107142
Motor 0-75 rpm programmable	100 kg	139 kg	107143

Coiler / Uncoiler



Coiler / Uncoiler with drum rack for cable drums Ø 600-1200 mm

including cable length measuring device and shears for cables up to Ø 35 mm conical expandable winding core for cable coils Ø 320-620 mm take-up diameter feedingplate 80-320 mm, different types available

type	load capacity	weight	art.-no.
manual	100 kg	250 kg	107160
Motor 75 rpm	100 kg	256 kg	on request
Motor 0-75 rpm programmable	100 kg	256 kg	on request

Coiler



Coiler, motor driven

including cable length measuring device for cables up to Ø 60 mm conical expandable winding core for cable coils Ø 320-1000 mm and a core width of 100/125-220 mm, pulling force 118 Nm continuous variable speed 0-70 rpm, different types available

coiling head	weight	art.-no.
800 mm standard	233 kg	107148
800 mm expandable	233 kg	107149
1000 mm standard	233 kg	107145
1000 mm expandable	233 kg	107146

Coiler / Uncoiler



Coiler / Uncoiler, automatic

including programmable cable length measuring device and shears for cables up to Ø 20 mm, continuous variable speed 0-190 rpm coiler plate-Ø 400 mm, uncoiler plate-Ø 550 mm

	load capacity	weight	art.-no.
	40 kg	74 kg	auf Anfrage



Storage Systems ring coiling machines

Coiler / Uncoiler



Coiler / Uncoiler, manual

including cable length measuring device and shears for cables up to Ø 20 mm

Plate-Ø	load capacity	weight	art.-no.
400 mm	30 kg	17 kg	auf Anfrage

Coiler / Uncoiler



Coiler / Uncoiler, manual

optional with cable length measuring device Ø 4- 20 mm

plate-Ø coiler/uncoiler 700 mm, truncated cone coiler Ø 80-320 mm

truncated cone uncoiler Ø 270-350 mm

	load capacity	weight	art.-no.
Coiler	70 kg	30 kg	107136
Uncoiler	70 kg	30 kg	107137

Ring Decoiler



Ring Decoiler

with crank-handle for fast coiling, easy transportation of cable coils
safe and easy decoiling, for horizontal or vertical use

dimensions 570 mm x 460 mm x 400 mm

	weight	art.-no.
	7.7 kg	107133

Cable- & Ringspooler



Cable - & Ringspooler

for cables up to max. Ø15 mm, galvanized steel construction, disassemble
soil proof bush bearings, adjustable supporting bars for fixing of the cable coil
optional with cable length measuring device

dimensions 940 mm x 650 mm x 720 mm / packaging 680 mm x 630 mm x 185 mm

	weight	art.-no.
	9.5 kg	107130
with length measuring device	10.8 kg	107131

Our recommendation

Length measuring device



Cable length measuring device with retaining bracket

fast and precise measuring of cable lengths, area of Ø 4 - 35 mm

metering precision ± 1 %

	accuracy	weight	art.-no.
handle and universal fixing clamp	± 1 %	1.7 kg	107254
handle	± 1 %	1.1 kg	107253



Storage Systems

storage rack systems

*easy to use systems that
save on both time and labour*



KATIMEX® have recently introduced a complete product range of storage systems and machinery for the coiling and uncoiling of cable drums and coils.

The products be used in **trade, industry and energy supply companies.**

The complete system includes vertical drum racks and storage systems for cable in coils, this enables the **easy and safe withdrawal of cable lengths directly from the coil or drum.**

Vertical cable coil storage provides considerable savings in space when compared to the traditional ground storage systems. **Space utilization ratios can be as high as 1 to 5** if the coils are arranged vertically up to heights of five metres.

Features Drum Rack Systems:

- quick identification of the coils to be withdrawn
- quick withdrawal of lenghts of cable in skeins or coils, directly from the stored coil
- the racks are provided with a **patented safety system** (quick functional operation) to prevent the coil coming out of position and this allows the operator to work in complete safety however the coil is loaded (end to be unwound at the top or bottom)



Storage Systems storage rack systems

Rack Storage System



Rack Storage System for cable coils and cable drums max. Ø 700 mm, vertical complete with brakes, rotatable arms, several unwinding plates can be arranged on a individual basis, special versions up to Ø 1000 mm

OPTIONS: Retaining bracket for cable length measuring device
cable length measuring device with shears [107241]

It would be a pleasure to advise you on your requirements!

Drum Rack System



Drum Rack System for small drums up to Ø 200-400mm, vertical frame of painted steel plate, nylon rollers with ball bearing for direct withdrawal of cables, available in four various heights

It would be a pleasure to advise you on your requirements!

Palletized Drum Rack



Palletized Drum Rack for Drums Ø 600-1250mm, vertical drums are stored on drum pallets which can be taken out by fork lift truck the space-saving storage on drum pallets provides a safe and quick handling of the complete cable drum

It would be a pleasure to advise you on your requirements!

Drum Rack



Drum Rack for drums up to Ø 2600mm, vertical for direct withdrawal of cables, solid frame structures with a height up to 5700mm possible. The vertical storage with direct withdrawal (for example with drum winding machine or with ring coiling machine) provides a professional, quick and safe handling of cables, the patented safety system prevents the coil from coming out of position and this allows the operator to work in complete safety however the coil is loaded (end to be unwound at the top or bottom)

It would be a pleasure to advise you on your requirements!