

SYSTEMS

2015

about SACCON













Codognè (Treviso) head plant

SACCON brand was born in 1981 from the ideas, the willingness and the passion of its founder, Floriano Saccon.

The first product was an innovative bicycle sheet lever, which allowed it to be mounted to the handlebar without welding.

Since then, the SACCON brand has gained recognition in the field of bicycles through the permanent development of innovative products that meet the requirements of the sector.

The drive to innovate and search for new challenges has made SACCON well-known and recognised also in the field of flexible cables, agricultural and healthcare machine parts, components for light-vehicle braking systems and pushchairs.

Nowadays, SACCON makes use of the technology acquired after years of experience and tangible results achieved by the continuous innovation of products and production systems. Many decades of know-how give the SACCON development team the background to produce a wide range of products for their customers: from plastic to aluminium alloys and sheathed cables to the production of custom-designed flexible systems.

SACCON's philosophy aims at working together with customers, offering customers the support of the company's technical staff for the design of new products in order to transfer our experience to Your product.





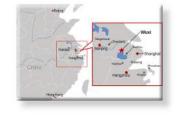
Technical support, quality and service have always been key

Using experience on cable production achived in lot of field sectors SACCON open in Wuxi the chinese cable plant in cooperation with our partner JIANGYIN CHIVER CABLES co. LTD.

WCS - Wuxi Chiver Saccon Cables co. LTD - is the reference for any asian and european customers for a wide range of cables products.



Wuxi Chiver Saccon Cables co. LTD Jiangyin city, Jiangsu, China plant



MI W

Quarto d'Altino (Venezia)



product range







hinged clamp design





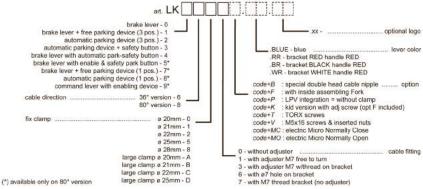
park device behaviour

brake and parking lever - LK





cable stroke: 19 mm (80°), 10,5 mm (36°)



LK - versions

art. LKO standard brake lever



art.	option details
LK0611	36°+ clamp ø21 + adj
LK0620	36°+ clamp ø22 no adj
LK0820	80°+ clamp ø22 no adj
LK0851	80°+ clamp ø25 + adj

art. LK1 brake lever with manual parking device (3 steps)
to brake simply pull the brake lever, the parking device do not engage
to park pull the brake lever and engage the red device pushing it against the teeth to release: pull the brake lever, the red device will disengage automatically



art.	option details
LK 1 611	36°+ clamp ø21 + adj
LK 1 620	36°+ clamp ø22 no adj
LK1820	80°+ clamp ø22 no adj
LK1851	80°+ clamp ø25 + adj

art. LK2

brake lever with automatic parking device (3 steps)
to park

: pull the brake lever the parking device will engage automatically
to release: pull the brake lever and disengage the red device pulling it,
release the brake lever and after release the red device

art.	option details
LK2611	36°+ clamp ø21 + adj
LK2620	36°+ clamp ø22 no adj
LK2820	80°+ clamp ø22 no adj
LK2851	80°+ clamp ø25 + adj



art. LK3

brake lever with automatic parking and safety device (3 steps)

pull the brake lever, the parking device will engage automatically
the safety device will engage automatically after the second step
to release: pull the brake lever and disengage the red device pulling it,

pull the red button to disengage the safety device release the brake lever and after release the red devices

art.	option details
LK3611	36°+ clamp ø21 + adj
LK3620	36°+ clamp ø22 no adj
LK3820	80°+ clamp ø22 no adj
LK3851	80°+ clamp ø25 + adj



art. LK4 brake lever with automatic park-safety device (1 step) to park : pull the brake lever, the park-safety device will engage automatically to release : pull the brake lever and pull the red button, release the brake lever then the red device



art.	option details
LK4611	36°+ clamp ø21 + adj
LK4620	36°+ clamp ø22 no ad
LK4820	80° + clamp ø22 no ad
LK4851	80° + clamp ø25 + adj

art. LK5* brake lever with stroke limit,

extra stroke enable automatic park-safety device

: pull the brake lever as usually, the parking device will not engage : pull the brake lever, pull the black lever to disable the stroke limit to brake pull the brake lever till the park-safety device will engage automatically to release: pull the brake lever and pull the red button,

release the brake lever and then the red device

art.

option details LK5820 80°+ clamp ø22 no adj

LK5820B 80°+ clamp ø22 no adj + opt B

80°+ clamp ø22 + adj LK5821





art. LK7* brake lever manual parking device (1 step) to brake, to park and to release see LK1 details



option details art.

LK7820 80°+ clamp ø22 no adj

80°+ clamp ø25 + adj LK7851

art. LK8* parking lever automatic device (1 step) to park and to release see LK2 details



option details

80°+ clamp ø22 no adj LK8820

LK8851 80°+ clamp ø25 + adj

art. LK9* command lever with enable device
locked position: the lever can not move without enabling operation
to enable action: pull the enabling device to enable pull action to release

enable action

release the lever, the enabling device will lock the lever in locked position



art.

option details

LK9820 80°+ clamp ø22 no adj

LK9851 80°+ clamp ø25 + adj

LK - options





option F when lever have to be safely installed inside plastic fork device avoid involuntary disassembly of lever

compulsory with option MO & MC and with option K







casing termination

is possible have 3 solution on casing fitting code ...0 without adjuster code ...7 built in M7 thread on plastic bracket without adjuster

with adjuster
code ... 1 on ø7 hole: adjuster not lockable on position
code ... 3 on M7 thread: adjuster lockable on position



option MC - normally close

option MO - normally Open to enable / disable electrical devices when mechanical brakes are pulled ex.: switch off electrical motors ex.: switch on rear stop lamps

art. LK0820V



nuts on bracket M5x16 stainless screws for screw/unscrew frequent operations

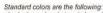


screw option art. LK0820 standard PH screw head

art. LK0820T Torx screw head

art. LK0820V M5 stainless steel screws





- Standard colors are the following:
 brake lever, bracket and clamp (all versions)
 park device (LK1 LK2 LK3 LK7 LK8)
 safety button device (LK5)
 stroke limit device (LK5)
 any other colour configuration is possible on demand

BLACK RED (BLACK on demand) RED BLACK (RED on demand)







LP - GAS PUMP lever



The LP is the gas pump command lever.
Combining design, functionality and fixing facilities
the LP gives lot of opportunities with gas pump servo systems.
The LP moves one gas pump directly
or with a stroke duplicator two gas pumps.

The LP series high points: clamp to fix on ø21, ø22, ø25 and ø28mm tubes cable ajuster available 2 versions available with accessories compatible for LP, LR and LK integration symbol print option



with special clamp (screws from bracket) art. LPR100 ø21 art. LPR200 ø22 art. LPR500 ø25

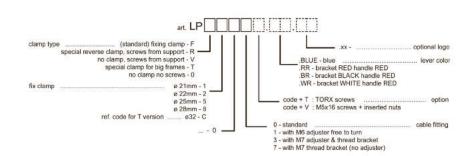






without clamp without screws art. LP0100 ø21 art. LP0200 ø22 art. LP0500 ø25







cable stroke: 15 mm

RELEASE lever - LR

The LR is the new command lever shorter than the LP.

The LR due to it stronger structure is studied for activate any mechanical release device.

The LR series high points: clamp to fix on ø21, ø22, ø25 and ø28mm tubes cable ajuster available 2 versions available with accessories compatible for LP, LR and LK integration direct symbol print option



with special clamp (screws from bracket) art. LRR100 ø21 art. LRR200 ø22 art. LRR500 ø25



with standard clamp (screws from clamp) art. LRF100 ø21 art. LRF200 ø22 art. LRF500 ø25



screws from bracket (without clamp) art. LRV100 ø21 art. LRV200 ø22 art. LRV500 ø25

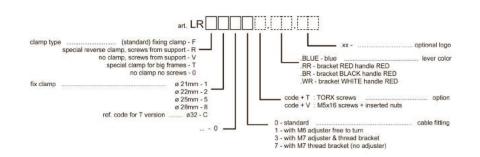


without clamp without screws art. LR0100 ø21 art. LR0200 ø22 art. LR0500 ø25





cable stroke: 15 mm



LP LR - options





Adjuster options art. LPF201 M6 adjuster free to turn art. LPF203 M7 adjuster thread bracket art. LPF207 M7 built in thread w/o adjuster













M5x16 stainless screws for screw/unscrew frequent operations

with special clamp for big frames art. LPTC00 ø32 art. LPTC01 ø32 & adjuster



with special clamp for big frames art. LRTC00 ø32 art. LRTC01 ø32 & adjuster



option T Torx screw art. LPF200T

> screw option art. LPF200 standard PH screw head art. LPF200T Torx screw head art. LPF200V M5 stainless steel screws







The LGi alloy handle perfectly combine design and functionality



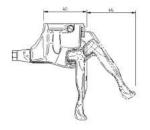
LMTV - VERTICAL TABLE handle

The LMTO and LMTV are useful handle for gas pump application or electric motor safety mechanical unlock. The provide 1 or 2 devices simultaneous activation without any duplicator use.

Is possible install cable automatic fitting or a traditional adjuster.

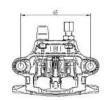


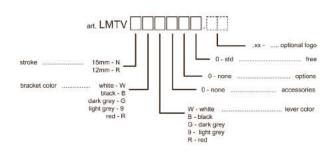






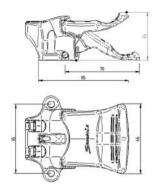
LMTV activation behaviour

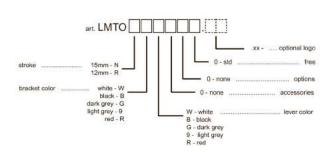




HORIZONTAL TABLE handle - LMTO







PBMC - mechanic PUSH BUTTON w/CLIP



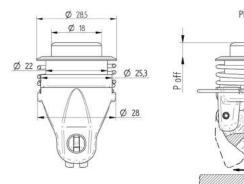
PBM acts gas pumps quick release heads and every low force device with the simple press action of the main button.

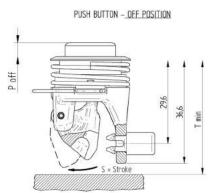
Clip version si provided of a quick installation feature

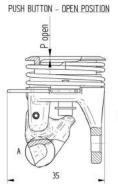
Several versions, following specific performance, are available

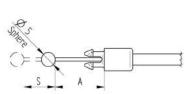
art. PBMC5LA0











PUSH BUTTON CLIP VERSION								Dimension (mm)		
Stroke Version	Α	S = Cable	P off Position	P open Position		T min	Drawing N°	Saccon		
	1839	Stroke		Outside	Inside			Code		
SHORT	14	5	4,9	1	1,1	38	P-001489	PBMC5SA0		
MEDIUM	13	6,5	4,9	1	1,1	39	P-001490	PBMC5MA0		
LONG	14	11,5	10,1	1	0,4	39	P-001465	PBMC5LA0		



mechanic PUSH BUTTON w/thread - PBMF

PBMF and PBMR are the thread featured mechanic push buttons Several versions, following specific performance, are available



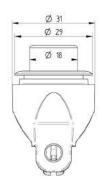


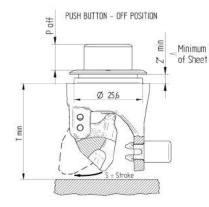




art. PBMR1SA0







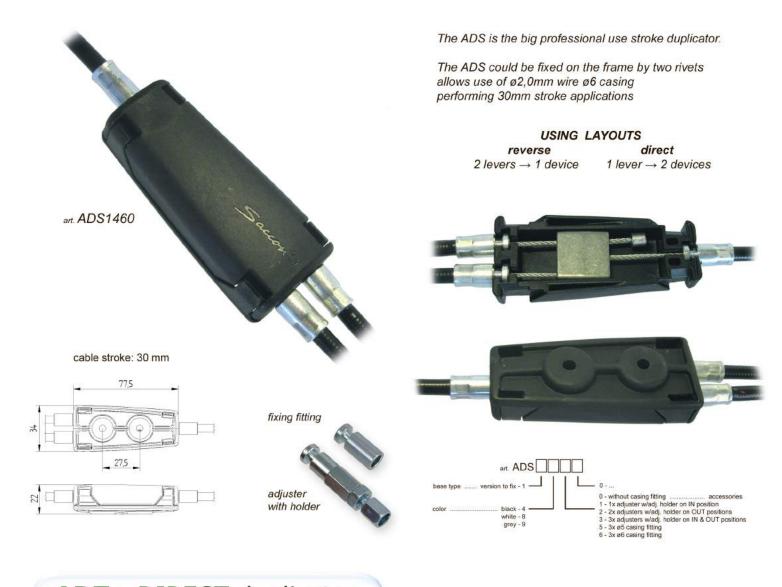


Calculated	with	Sheet	Thickness	=	2	mm



		PUS	H BUTT	ON TH	READ V	ERSI	ON		Dimer	nsion (mm)
Stroke Version A	A	S = Cable	P* off Position	P* open Position		1	м	T min	Drawing N°	Saccon
	.05.0	Stroke		Outside	Inside	-	1333	1.1000		Code
SHORT	18	6	6,1	1	0,4	28	20,5	30	P-001464	PBMR1SAC
MEDIUM	17,5	7,5	6,1	1	0,4	33	25,5	34	P-001520	PBMF1MAC
LONG	14,5	11,5	11,3	1,1	1	33	25,5	35	P-001480	PBMF1LA0

ADS - PROFESSIONAL duplicator



ADT - DIRECT duplicator



DUAL duplicator - ADD

DIRECT or REVERSE use

reverse
2 levers → 1 device

direct
1 lever → 2 devices





Derived from the previous item ADD is unioversal & dual mode duplicator due to it special cable heads layout.



version to fix with rivets art. ADD1420



flying version art. ADD0420

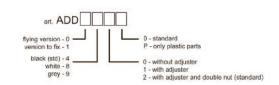
Both ADD & ADT could be fixed on the frame by two rivets or free to move using it special back cover.



cable stroke: 25 mm

inside view:

ADD require special cable heads
that allow reverse use as lever cable
could move free inside the body
when not activated



ADC - CIRCULAR duplicator



The ADC is the circular stroke duplicator.

with clamp

art. ADC201 ø22 mm

The ADC is useful with gas pumps, brakes and other devices that are symmetrically mounted on lot of vehicles.



The ADC could be fixed

- on cilindrical tubes with ø 21, 22 and 25 mm with the use of its clamp
- on any section shaped tubes using the front fixing holes directly on the frame
- on any flat surface using the rear holes.



direct on frame with screws, rivets or using back holes art. ADC001

cable stroke: 15 mm 20 mm max

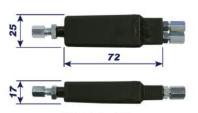


ADL - LINEAR duplicator



art. ADL00 0 - standard 1 - with adjusters

The ADL is a stroke duplicator Useful with gas pumps, brakes and other devices that are symmetrically mounted on lot of vehicles.



cable stroke: 18 mm



REVERSE duplicator - ADR

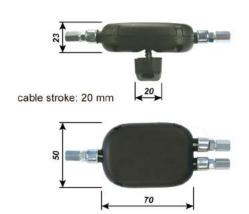
The ADR is useful with gas pumps, brakes and other devices that are symmetrically mounted on lot of vehicles or when the same device have to be acted by two different levers.

The ADR transfers the stroke movement directly to two devices (1 lever \rightarrow 2 devices) or in reverse mode (2 levers \rightarrow 1 device).



reverse direct 2 levers \rightarrow 1 device 1 lever \rightarrow 2 devices







The ADR could be fixed on cilindrical tubes with Ø 21, 22 and 25 mm with its clamp on any different frame using the back fixing holes to fix the ADR directly on place



FTP - DRUM brake

The FTP is the new drum brake on the SACCON systems.

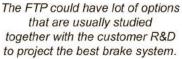
Easy to fix on frames could be used either to brake or park the vehicule.

Very useful on frame with removable wheels due to its structure.



The drum, fixed on the wheel does not need any particular care when the wheels are removed.

The brake box save the internal mechanism from any damage due to frame handling.











art. CFTPTA01
12 spokes plastic wheel drum



examples of

art. CFTPB0P





art. CFTPTA05 drum for custom plastic wheel

art. CFTPTA02



art. CFTPTA03 metal spoke wheel drum



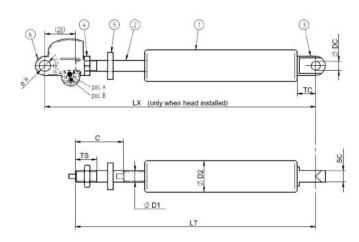
art. CFTPTA06 alloy drum light shape

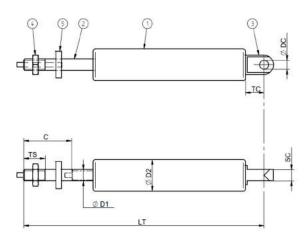
GAS PUMP & other

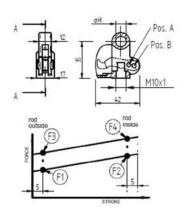


Gas spring are often used to assist movements on several applications.

Dampers or locking gas springs could be used on every application.







quick release head - M10x1 art.CMGTA001A Ø10 pos A art.CMGTA001B Ø10 pos B art.CMGTA002A Ø8 pos A art.CMGTA002B Ø8 pos B



art.CMGTA002B ø8 pos B



art.CMGTA001A ø10 pos A

_		II EM D	EFINITI	ONPA	RAMETERS					
	₩8-RIG	ID LOCKING		- ELAS	TICALLY LOCKING					
	F (F1)		N	_	TC	mm				
	LX.		mm	and filting	DC ø	mm				
	LT.		mm	8	sc	nm				
main	С		mm	peed	0 - WITHOUT H	EAD .				
m	D1 e		mm	release head	A - #10 pos.A					
	D2 e		mm	quick re	© 8 - #10 pos.B (CMGTA002A				
	TS		mm	notido	D - #8 pos,B					
	speed **		8	cdor		- SILVER - WHITE				
					_	9				
					pen position (LX = LT + ick release head version					
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accessories

ø2,5

ø3

ø2.5



ø3

ø3

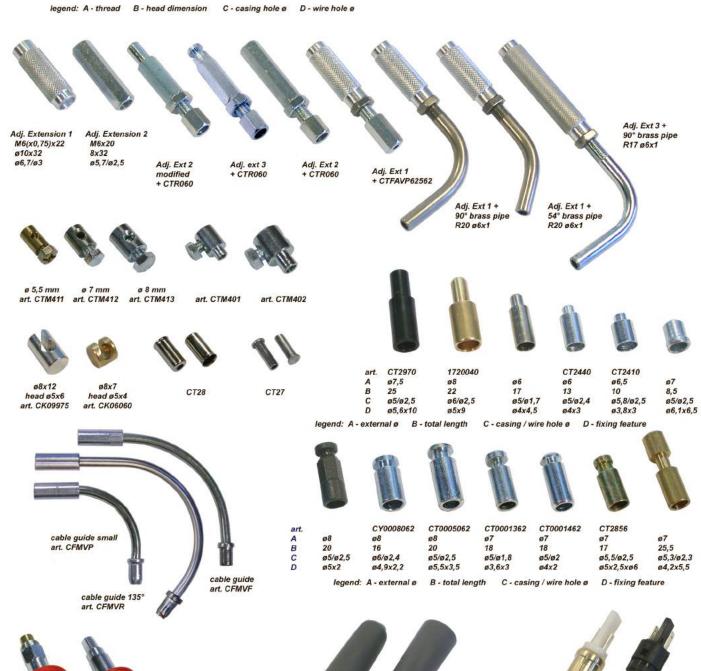
ø3

ø3

ø2.5

ø3

ø2.5









ELECTRICAL SWITCH art. MLASNA001 NO switch art. MLASNC001 NC switch

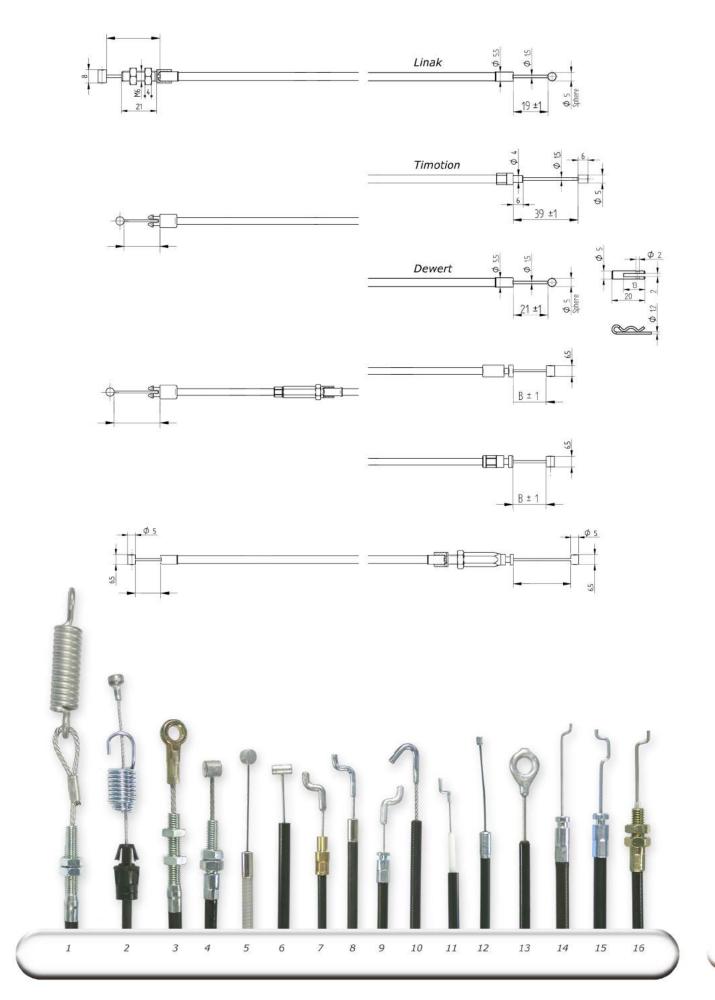
safety device

art. ASF000

safety device

art. ASR000

cable examples







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