

Sewer cleaning equipment

A complete product range optimized for an efficient
and environmentally-friendly sewer cleaning



Why choose a Bucher unit?



Optimized for any job

Cleaning pipelines and emptying large septic tanks, sand traps, oil and grease separators is not a problem for any unit from Bucher Municipal.



Low maintenance costs

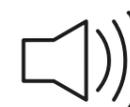
Modularly built units with standardized components and a world-wide service network provide easy access to service and spare parts.



Increased capabilities

Adjust the water and sludge volume in the tank with the movable partition* during the various tasks the operator meets in the field.

*Not available in Bucher GullyFlex C80.



Low noise levels

Our trucks operate at around 75-80 dB. This is much quieter than a typical combi truck, which causes less disturbance in residential areas.



Made to last

Boilerplate steel with a C3 corrosion class surface treatment ensure the units can withstand the harshest conditions every time.



Society and environment

We live up to our responsibility to society and environment by focusing on functional engineering, environmental integrity and driving comfort.



Best customer experience

We are with you all the way from idea to delivery, training, and service to ensure that you always get the best customer experience.



Zero exhaust emission

Bucher CityFlex C40e is our first electric powered sewer cleaner and it is made for efficient and environmentally friendly cleaning of sewers in urban areas.

For **effective** sewer cleaning

Driven by better

At Bucher Municipal, we offer a full product range of sewer cleaning equipment for both municipal and contracting applications, using only high-quality materials, components from world renowned suppliers and advanced technology. We are driven by a passion for people and a dedication to helping customers become better – by using less. We are driven by better.

Performance and low environmental impact

The sewer cleaning units from Bucher Municipal are all developed, continuously tested and perfected to ensure you get the best performance with a low environmental impact and a high return on investment. This is why our units are constantly playing a central role in ensuring a sustainable approach to the use of water and a profitable business for our customers.

Good fuel economy

The choice of materials and components used in the sewer cleaning equipment from Bucher Municipal are key to preserving a good fuel economy. E.g. the belt driven jetting pumps provide less energy loss, aluminium cabinets reduce the gross weight on all units, and the automatic and continuous recycling system mean less driving to refill the tank. All these contribute to a lower fuel consumption and CO₂ emission.

Effective workday

Sewer cleaning units from Bucher Municipal are optimized so that only one person is needed to safely operate the equipment. The tank with a movable partition allows for a flexible volume of water and sludge, giving you more time jetting and less time unloading and refilling. Benefit from the high payload, great storage options and accessories of all Bucher sewer cleaning units. Lastly, the user-friendly interface makes it easier to control and adjust the system.

Types and capacities

Sewer cleaning vehicles from Bucher Municipal are available as combination and combination/recycler systems.

We offer different sizes for different capabilities. Choose between two, three or four axles.

Go electric and comply with strict urban regulations with zero exhaust emission, low noise and improved operator ergonomics.

Tank sizes available are 4 m³, 8m³, 12 m³ and 14 m³ which can also be approved for transport of dangerous goods.

With the new CityFlex C40e we take the next step by introducing an electric drive with zero exhaust emissions and improved working environment.

Only the best is good enough

Attention to details is the very core of our business. We carefully choose our materials and follow well-documented procedures to ensure that every unit that leaves our factory can withstand the most extreme conditions.

That is why our tanks are built by highly-skilled welders, painted in a multi-step process, and made from boiler-plate steel. Simply because we strongly believe that only the best is good enough.

Advantages



Reliability

Regardless of the unit you choose from Bucher Municipal, you can be sure it is built to perform under varying conditions through time.



Cost

International components, CAN-BUS control and modular units mean easier spare part replacement, faster service and less down-time.



Safety

A tank with a low centre of gravity, work lamps, beacons and a hand wash facility are some of the features that increase your safety in the field.



Technology

A movable partition in the tank, a continuous recycling system, an intuitive interface, and a new emission-free driving unit to name some.



Bucher CityFlex

Compact, on-demand combi unit that solves standard jobs with min. obstruction to traffic. Now also with electric drive.



Bucher FlexLine

The market's most popular and flexible combination unit optimized for both small and large tasks.



Bucher Recycler

Truly continuous 4-step recycling system optimized for any task. No need to refill water or stop jetting during the day.



Bucher GullyFlex

Designed for effective removal of debris on domestic and road gullies or a medium volume combination unit.



Bucher Remote Reel

The smart companion that allows you to access hard-to-reach and off-road areas a standard sewer cleaner can't.



Bucher CityFlex

Optimized
for the city

Customized for **on-demand jobs**

Agile and versatile

Bucher CityFlex is an extremely agile and versatile unit for all those jobs located in narrow and densely populated areas. Even when the job requires driving in-between or inside buildings, such as in factory premises, Bucher CityFlex always shines through.

Work with minimum obstruction to traffic. This small unit is as efficient as its larger counterparts but also more cost effective and easier to manoeuvre in narrow spaces.

A compact unit for urban areas

Despite its size, this unit carries an impressive legal payload and fuel economy. Increase efficiency and productivity while keeping a low environmental footprint in areas where competitors cannot go.

Built with modules

Bucher CityFlex is built in modules and with standard components from international suppliers. This enables us to offer short delivery times as well as fast and efficient service worldwide.

Intuitive operation

The remote control and the control panel make Bucher CityFlex intuitive in operation. With these, you can operate, e.g. the hydraulic end cover and hose reel. The fully-automatic operation also allows for the transport valves to close automatically when the PTO is disengaged.

CityFlex C40 and CityFlex C40e

Bucher CityFlex is available in two versions, diesel (C40) and electric (C40e). The C40 version has just the most essential specifications to get the job done but if desired, it can be upgraded with a variety of equipment options. The C40e version is a fully equipped vehicle with the added benefit of no tailpipe emissions thanks to its electric drive.



Bucher CityFlex C40

4 m³ tank approved for 0.5 bar overpressure and a movable partition that keeps water and sludge separated.

Bucher CityFlex C40e

Zero exhaust emissions, low noise level and new control interface, made for operations in city centers.

Get to know the Bucher CityFlex series



Full combi unit, despite its size. Bucher CityFlex C40 version can be equipped with CCTV, making it very flexible and eliminating the need for a separate CCTV van.



Developed to accommodate the rising need for compact mobile jetting and suction solutions in urban areas with low accessibility and weight restrictions.



This unit is suitable for all standard jobs within sewer cleaning, since it has the full flexibility as other larger units. Operation is via the control panel and remote control.



The new Bucher CityFlex C40e with electric drive, is perfect for jobs in urban areas, due to its zero exhaust emissions, low noise level and excellent maneuverability.



Bucher CityFlex power on the go

Specifications	CityFlex C40	CityFlex C40e
Tank volume	4 m ³	4 m ³
Operating pressure	0.5 bar	0.5 bar
High-pressure pump	127 l/min @ 160 bar	127 l/min @ 160 bar* 104 l/min @ 200 bar**
High-pressure hose reel	¾" 50 m + ½" 60 m	¾" 150 m* ¾" 80 m + ½" 60 m**
Vacuum pump @ free flow	5,750 l/min	5,750 l/min
Vacuum cassette	-	3" with 2 m extension
Vacuum transport reel	3" 40 m split in 3 lengths	3" 40 m split in 3 lengths
Cabinet heat and lights	-	-
Storage	2x cabinets	5x cabinets, 1x cone holder, 3x3" pipes, 2x safety fence storage
Motor	Diesel	Electric

*Option 1: High pressure pump and hose combination
**Option 2: High pressure pump and hose combination



Controls

An intuitive operation panel is mounted on the back of the tank, behind the jetting reel for a close control of the sewer cleaning system. On the Bucher CityFlex C40e, the gauges are replaced with a large display and additional push buttons are available. The remote control allows a more convenient and safer operation.

Lights and transport reel

Both Bucher CityFlex versions are equipped with a set of strong LED working lights, rotating beacons and side lights as well as reflective tape. These are strategically located around the unit so you can both see and be seen better at dark. If you need to use vacuum, you can use the suction hose placed on the transport reel mounted on the side.

Cassette* and jetting reel

Cycle lane, sidewalk or something else between you and the manhole? No problem. Bucher CityFlex C40e comes with a telescopic 3" suction cassette for easily solving jobs without obstructing by-passers. A hydraulic jetting hose reel mounted at the back of the tank can be swivelled with the cassette to the side for optimal positioning.

Electric drive*

The Bucher CityFlex C40e is developed in collaboration with VOLVO Trucks and built on their FL chassis. The electric drive technology has been thoroughly tested and the battery pack supplies sufficient energy for a whole days' work in urban areas. Charging is easily done overnight while energy prices are often lower, or on the go at any public charging point.

*C40e



Bucher FlexLine

All-round
combi unit

Multi-purpose unit ready to outperform

Flexibility at its best

With the Bucher FlexLine series you can experience the many benefits these all-round units with high flexibility can give to your business. Do anything from regular private household work to larger tasks for water companies and industrial clients. No wonder this is most popular choice for most.

Improve your bottom line

Improve your bottom line while tending to all kinds of tasks such as preventive and emergency cleaning of sewer mains, cleaning of blocked service lines, as well as emptying and cleaning of collection and septic tanks,

Other applications are watering of roads, cleaning chemical tanks and oil separators, transport of dangerous goods, emptying wells and sand traps.

Bucher SuperFlex: For the most demanding tasks

No job is too big to handle with Bucher SuperFlex, the market's most powerful Jet-Vac. This unit solves every time the most demanding tasks with an impressive vacuum and jetting power.

Optimize your workday

Multiple storage options and a built-in hand wash facility, are just some of the elements that provide extra comfort in everyday tasks.

Modularly built

Our Bucher FlexLine units are built in modules and with standard components from international suppliers. This allow us to offer short lead times and a fast service on a global scale.



Bucher FlexLine C120

12 m³ tank approved for 7.2 psi overpressure. Movable partition keeps water/sludge separated.

Bucher SuperFlex C140

14 m³ tank approved for 14.5 psi overpressure. Movable partition keeps water/sludge separated.

Get to know the Bucher FlexLine series



Its many possible applications, ease of operation and high-quality construction and material provides the highest performance in both urban and industrial tasks.



You can rely on this unit to deliver results on multiple applications thanks to the high quality design, construction and materials tested and requested worldwide.



Bucher FlexLine versatile on the field

Specifications

	Bucher FlexLine C120	Bucher SuperFlex C140
Tank volume	12 m ³	14 m ³
Operating pressure	7.2 psi overpressure (0.5 bar)	14.5 psi overpressure (1 bar)
Tank partition positions	3 fixed	3 fixed
High-pressure pump	86 UK gpm @ 2,031 psi (390 l/min @ 140 bar)	73 UK gpm @ 2,465 psi (333 l/min @ 170 bar)
High-pressure hose reel	5/4" 492 ft (150 m) & 3/4" 164 ft (50 m) + 1/2" 196 ft (60 m)	1" 590 ft (180 m) & 3/4" 164 ft (50 m) + 1/2" 196 ft (60 m)
Vacuum pump @ free flow	5,865 UK gpm (26,666 l/min)	11,365 UK gpm (51,667 l/min)
Vacuum cassette	5" hose, 7 ft (2 m) extension	6" hose, 7 ft (2 m) extension
Compressor @ free flow	-	1,264 UK gpm (5,750 l/min)
Storage	3 cabinets, 4 shelves	3 cabinets, 4 shelves



Controls and boom

Set up, operate and adjust your sewer cleaning unit's system with the three control panels. One control panel is fitted inside the cabin, one on the side of the tank and one at the back of the tank, mounted on the hose reel for a convenient operation. The boom moves separately from the jetting reel minimizing obstruction to cyclists and pedestrians.

Small jetting hose reel

Ideal for those smaller jobs where less water is needed and where smaller pipes are involved such as those found on residential areas. This small jetting reel is also useful for the cleaning of your sewer cleaning vehicle, for example inside the tank after having emptied the sludge. Because water consumption is less when using this hose, you can stay a longer time on the job.

Hygiene and storage

Keep your gear safely stored during your workday. Enjoy multiple and spacious storage options around the unit such as cabinets and shelves. All cabinets are lockable and one of them is supplied with a hand wash facility with warm water, soap and paper dispenser. Keep hygiene on top during your workday, regardless of where the job site is located.

Accessories

Get more out of your unit and optimize your workday with the wide set of accessories available for this unit's series such as a nozzle set, a detachable vice, hoses with couplings, a cover hooks set, a cone holder, an end cover safety support and suction pipes. The availability of these accessories depend on the unit's model.



Bucher Recycler

Do more
with less

Uncompromising **sustainability**

Made for the business that matters. Yours.

Forget about leaving the site to refill water or even water trucks; Bucher Recycler can finish the job easier, faster, and overall more cost effectively.

Specially designed for major jetting jobs where the fully automated cleaning process ensures a full continuous recycling of the jetting water. This offers significant savings on water and fuel by minimizing the need to transport process water.

Alternative applications

Bucher Recycler can be used as a stationary sewage treatment plant as well as a traditional sewer cleaning unit for both large and small jobs the unit is completely self-sufficient with a fully automatic water cleaning system.

SuperRecycler: Ultimate recycling power

An extra compressor and impressive vacuum pump power can lift material from almost 100 ft depth.

Recycling system

Our four-step recycling system is the market's most effective thanks to its continuous operation, which ensures you can clean the pipes easier, faster and uninterruptedly.

Increase efficiency by 55%

The movable partition and the world-leading recycling system provide the means to increase efficiency in jetting, water-filling, and driving by up to 55%. Being able to turn off the recycling system and use the unit as a conventional combination system adds an extra to the efficiency.



Bucher Recycler CR120

12 m³ tank. 14.5 psi over-pressure approved. Movable partition and 4-step continuous recycling system.

Bucher Recycler CR140

14 m³ tank. 14.5 psi over-pressure approved. Movable partition and 4-step continuous recycling system.

Bucher SuperRecycler CR140

14 m³ tank. 14.5 psi over-pressure approved. Extra compressor, movable partition and 4-step continuous recycling system.

Get to know the Bucher Recycler series



Eliminate the use of fresh water supply on your sewer cleaning jobs. Bucher Recycler reuses water from the sewer itself and once filled, the unit is completely self-sufficient with a fully automatic water recycling system.

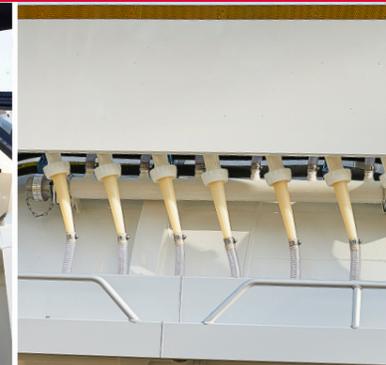
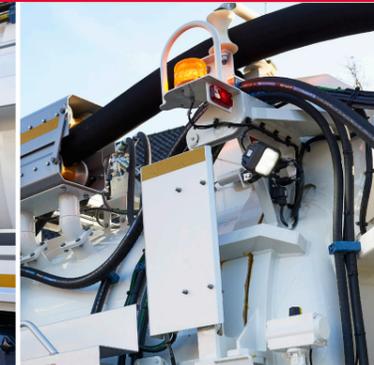


Bucher Recycler units are designed to perform on traditional sewer cleaning jobs with respect for environmental zones in cities in terms of weight, emission of CO₂, noise level and of course fresh water consumption.



Bucher Recycler industry's new gold

Specifications	Bucher Recycler CR120	Bucher Recycler CR140	Bucher SuperRecycler CR140
Tank volume	12 m ³	14 m ³	14 m ³
Operating pressure	14.5 psi (1 bar)	14.5 psi (1 bar)	14.5 psi (1 bar)
Tank partition positions	2, fixed	3, fixed	3, fixed
High-pressure pump	85 UK gpm @ 2,030 psi (390 l/min @ 140 bar)	85 UK gpm @ 2,030 psi (390 l/min @ 140 bar)	103 UK gpm @ 2175 psi (471 l/min @ 150 bar)
High-pressure hose reel	5/4" 492 ft (150 m) & 3/4" 164 ft (50 m) + 1/2" 196 ft (60 m)	5/4" 492 ft (150 m) & 3/4" 164 ft (50 m) + 1/2" 196 ft (60 m)	5/4" 656 ft (200 m) & 3/4" 164 ft (50 m) + 1/2" 196 ft (60 m)
Vacuum pump @ free flow	5,865 UK gpm (26,666 l/min)	5,865 UK gpm (26,666 l/min)	11,365 UK gpm (51,667 l/min)
Vacuum cassette	5", 7 ft (2 m) extension	5", 7 ft (2 m) extension	6", 7 ft (2 m) extension
Compressor @ free flow	-	-	1,264 UK gpm (5,750 l/min)
Recycling pump	Desmi	Desmi	Vogelsang



Controls and boom

Set up, operate and adjust your sewer cleaning unit's system with the three control panels. One control panel is fitted inside the cabin, one on the side of the tank and one at the back of the tank, mounted on the hose reel for a convenient operation. The boom moves separately from the jetting reel minimizing obstruction to cyclists and pedestrians.

Storage options

Keep your gear safely stored during your workday. Enjoy multiple and spacious storage options around the unit such as cabinets and shelves. All cabinets can be locked and, it is also possible to supply them with light and heat if desired. All units are provided with a hand wash facility fitted inside a cabinet with warm water, paper and soap dispenser.

Work lamps and beacons

The safety of all operators is one of our top priorities when designing our units. All Bucher Recycler units are equipped with a set of strong LED work lamps, flash lights, flash bar and side lights as well as reflective tape. These are located strategically around the unit so you can both see and be seen better at dark. Stay safe even during those late work shifts.

Recycling system

Automatic water recycling happens in four continuous steps: 1. A coarse filter cleans the surface water from the sludge tank. 2. Centrifugal cyclones separate solids which are led back into the sludge tank. 3. The water is cleaned by gravitational settlement and runs through the fine filter. 4. Water is filtered at the intake of the high-pressure pump.



Bucher GullyFlex

Effortless
gully cleaning

A new **champion for all gullies** is here

Multipurpose

Bucher GullyFlex is a medium size unit that can be used not only as a gully cleaner but also as a standard combination vehicle to clean mainline sewers and drains. It is equipped with two jetting reels for different applications each and suction can be done via the 300-degree rotation boom or from the back of the tank.

High performance, less noise

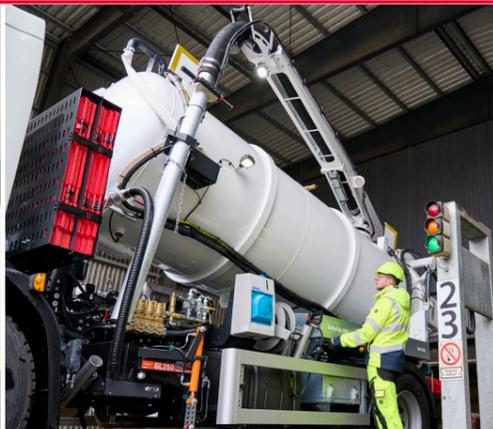
The load-sensing hydraulic drive in the jetting and vacuum pumps delivers only the power needed for each task. This saves fuel and reduces the noise exposure time for the operator.

Optimize your workday

Multiple storage and additional equipment options are just some of the elements that provide extra comfort and safety in everyday tasks.

Modularly built

Our Bucher GullyFlex units are built in modules and with standard components from international suppliers. This allows us to offer a fast service on a global scale and very short lead times so that you can extend and operate your fleet in a matter of months instead of years.



Controls

Control different functions from the three push button control panels and cabin display.

Tipping tank

Stainless steel inner liner at the bottom, and a single, multistage, ram tips the tank to a 35° angle for dewatering and offloading.

Boom

5" hose and 300° rotation. Quick to deploy and easy to operate. The vertical boom parking ensures the lowest possible vehicle height.

Get to know Bucher GullyFlex



The effective 440 cfm (12,400 l/min) vacuum pump offers high airflow and vacuum, and it is air cooled for a clean operation.



The combination of the load-sensing hydraulic drive and blower type vacuum pump results in a more silent operation.



Bucher GullyFlex simple and effective

Specifications

Specifications	GullyFlex C80
Tank volume	8 m ³
Operating pressure	0.5 bar
Fixed tank partition position	Standard 3.2 m ³ water / 4.8 m ³ sludge Option 2.4 m ³ water / 5.6 m ³ sludge
High-pressure pump capacity	125 l/min @ 160 bar
High-pressure hose reel	Primary: 100 m 3/4" hose Secondary: 15 m 3/8" hose
Vacuum pump capacity	440 cfm (12,400 l/min)
Boom	5" with 300° rotation
Suction hose diameter	5"
Storage (option)	2x tool shelves, 1x tool cabinet, 1x cone holder, 1x cover hook holder, 2x storage for safety fence, 1x stick box.



Directing arrows*

Bring road safety wherever you work. Mounted on the back, are two practical, double sided signs that when folded out display traffic directing arrows on one side and chevrons on the other.



Grid lifter*

Open difficult gully covers fast and easy with this ergonomic grid lifter. Hydraulic operation with up to 250 kg lifting capacity. Provided with a remote control so the operator can stand at a safe distance from moving parts during operation.



Cabinet*

Lockable and spacious cabinet for a safe storage of the operator's gear and the unit's accessories. The cabinet is an additional storage solution on top of the shelves mounted on the side of the tank.



Vice

Practical vice for safely securing the jetting hose. When not in use, the vice can be removed fast and easily to be stored away.

*Directing arrows, grid lifter and tool cabinet are some of the available options for this unit.



Bucher Remote Reel

All-terrain
companion

Go **off-road** and reach difficult areas

Easy and safe access

Experience the benefits on a day-to-day basis when you are no longer challenged by the terrain. With Bucher Remote Reel, you are guaranteed an easy and safe access to difficult jetting tasks.

Tracked undercarriage

Take Bucher Remote Reel safely through rubble, rough terrain, fields and even stairs. The tracked undercarriage has a low ground pressure which is useful when going over soft surfaces to not sink. The adjustable width brings that extra stability when driving the unit around.

High manoeuvrability

Its small size, weight distribution, motorized and adjustable tracked undercarriage and intuitive panel control makes this unit highly manoeuvrable even in complex surfaces.

Compact size

Bucher Remote Reel packs a lot of benefits within its small size. Minimize any obstruction to traffic and easily get through narrow areas and into zones where a standard sewer cleaning unit cannot access not only due to size but also weight restrictions.



One man operation

A robust operator's platform, an intuitive control panel, and a hydraulic hose reel makes this unit easy and safe to use.

Extensible support legs

Two extensible legs can be positioned on the ground for added stability when handling the hose reel.

Hydraulic hose reel

The hose reel works with hydraulic action and can be operated automatically and manually (free-run).

Get to know Bucher Remote Reel



Keep safety on top thanks to an adjustable, tracked undercarriage, support legs for tipping the hose reel, a sturdy operator's platform with handles and accessories such as a powerful LED work lamp and beacon.



Bucher Remote Reel is the perfect companion for any sewer cleaning unit unable to reach certain areas due to terrain or low accessibility. Keep costs down by performing the job completely on your own.



Bucher Remote Reel your unit's helper

Specifications

Specifications	Bucher Remote Reel
Hose reel hydraulic operation	0-2.5 mph (0-4 km/h)
Hose reel manual operation	Free-run
Hose size (option 1)	1" 656 ft (200 m)
Hose size (option 2)	5/4" 492 ft (150 m)
Horse power	11.7 HP
Track crawler	Rubber, adjustable
Operator platform	Yes
Lights	2, work lamp and beacon
Storage	1 tray and 1 cover hook holder



Control panel

A simple and intuitive control panel is mounted at the back to manage all functions of Bucher Remote Reel. Easily control speed, operate the hose reel and adjust the undercarriage tracks from the safe operator's platform.



Work lamp & beacon*

The operators' safety is one of our top priorities on all of our units. Bucher Remote Reel can be fitted with a set of accessories such as a strong LED work lamp and a rotating beacon. Stay safe even during those late work shifts.



Tool tray*

Take your tools and/or work gear with you wherever you go. This practical and sturdy accessory is mounted on the back for easy access to your tools. Small perforations on the tool tray allow water to drain through.



Cover hook holder*

Store your cover hooks in the functional holder accessory and bring them with you wherever you go. The cover hook holder can be mounted on the side of Bucher Remote Reel for easy storage and access.

*Work lamp, beacon, tool tray and cover hook holder are available as accessories.

Bucher Municipal



For local contact and Support, please scan the QR code or visit

buchermunicipal.com

At Bucher Municipal, we innovate and engineer better cleaning and clearing solutions, helping our customers grow and maintain efficient and profitable businesses. Leveraging the over 200-year-old heritage of Bucher, we are committed to helping you achieve more using less. Taking pride in being seen as a reliable partner, we work locally with you in realising the possibilities for a smarter, cleaner and more efficient tomorrow. Today.



Your Bucher Municipal contract partner:

Driven by better

