



Goliath  
Titan  
Impulse E/VHT  
EZ Liner Express

## Straightening Systems





Success

## Established 1972

Chief Automotive Systems was founded in 1972 and has since emerged as a global leader in the development and manufacture of straightening and measurement systems for vehicle accident repairs. The origins of this success can be traced back to the patented "rack design", which allows simultaneous force distribution to multiple points on the vehicle. The "multipoint pulling" success story continued just a few years later with the introduction of the revolutionary Genesis measuring system – multiple measuring points can be determined simultaneously during repair. The term "Multipoint measuring" is born.

Besides the head office in Madison, in the U.S. and the European center in Bräunlingen, Germany, numerous sales branches around the globe attend to customer needs. This unique network enables Chief Automotive Systems to identify market trends at an early stage and to thus generate global standards. Global product releases of several vehicle manufacturers underline this approach.



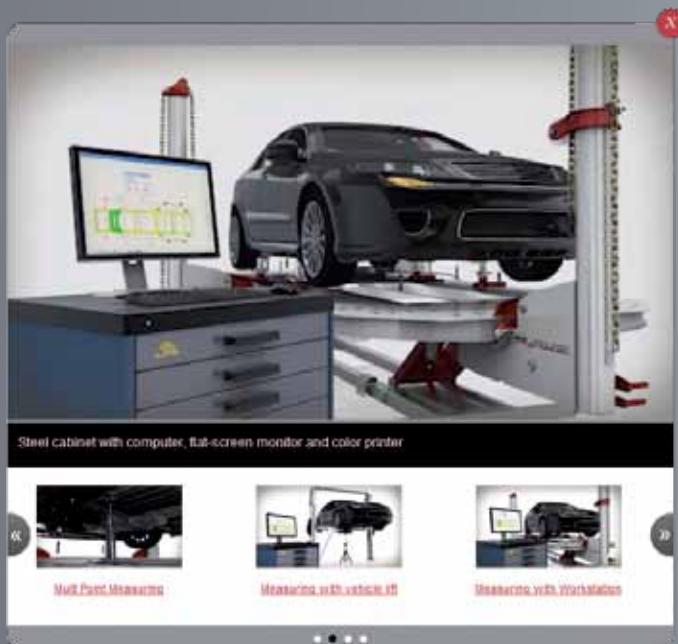
Company headquarters in Bräunlingen

# Tailored Solutions Applications



## Collision & accident repair

In body repair shops cost pressure is especially high. New claims settlement concepts do not necessarily lead to relaxation. Repair benches and measuring systems by Chief help to lower this cost pressure - with innovative solutions in the areas of setup time and process stability.



More information at:  
[chiefautomotive.eu](http://chiefautomotive.eu)



Assessor

The preparation of assessments is an exceedingly challenging task and needs a lot of experience. The growing diversity of vehicles does not make it easier. Chief measuring systems help to make the job easier and more efficient - and to generate added value at the same time.



Vehicle owner

It is bad enough being involved in an accident with your own car. It is good to know, that the damage will be professionally repaired. Chief measurement reports give you the assurance that everything is OK.



Insurance

Transparency in claims settlement is top priority for insurance companies. Transparency of costs, with regard to safety and also sustainability. Chief measuring systems offer this transparency and allow completely new marketing concepts.



Training & education

Training lays the foundations for the future. And the future means technology. Chief makes it particularly easy for vocational schools to stay up to date - with the special training discount.

The best just got better

# Goliath

- 1 Heavy-duty Chief Port-A-Frame with 5,4 t lift capacity.
- 2 Super-wide 2337 mm deck.
- 3 Roller bearings raise off channel when tower is locked and bear no weight during pulls for years of maintenance-free operation.
- 4 Individual tower valves allow towers to operate separately or simultaneously.
- 5 1/2" tower chains proof-tested to 14-tons.
- 6 True 360-degree pulling capabilities.
- 7 Tall towers and adjustable collars position easily to precisely position pulls.
- 8 Chief trademark telescoping tower heads.
- 9 Universal Anchoring Stands.
- 10 Optional Cross-Member.
- 11 Wheel chocks prevent vehicle movement.
- 12 Chief patented Sure-Lock towers with 10-tons of power at the hook.
- 13 Unique curved ramps are lighter and shorter than most competitor ramps, and provide clearance for vehicles with low front valances.



Never turn away business because of an undersized rack again. At 6706 mm long and 2337 mm wide, Goliath can easily handle the biggest and baddest SUV's, pick-ups and extended cab dualies around, and is longest and strongest passenger car and truck pulling system Chief has ever produced.



At 6706 mm in length, Goliath is the longest and strongest passenger rack Chief has ever produced.



Illustration shows Goliath Series 30/22'



Patented Sure-Lock® mechanism pins and secures towers like a pair of giant locking pliers.

Six ergonomic working heights from 483mm to 1016 mm.

One button hand-held pendant controls all Goliath lift operations.

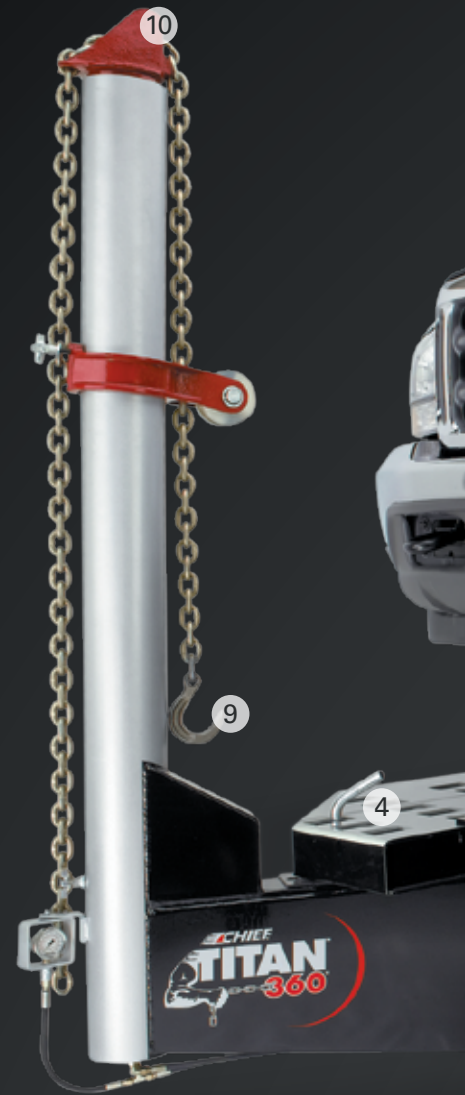
More information at:  
[chiefautomotive.eu](http://chiefautomotive.eu)



It's big, it's bad, it's beautiful

# Titan

- 1 Patent-pending Sure-Lock mechanism pins and secures towers with one easy movement for added speed, accuracy and safety.
- 2 Universal Anchoring System with 8 working heights adjusts to most vehicles for fourpoint positioning.
- 3 Central hydraulic pump allows all pushes and pulls to be controlled individually or simultaneously to gently push/pull out the damaged metal for the fastest, most accurate repair possible.
- 4 Perfect 787 mm working height makes repair work easy.
- 5 Hand-held control lets you position yourself around the vehicle for peak visibility and operator safety. One push of a button lets you control all of the towers or raise and lower the machine.
- 6 Two moveable cross members give added versatility.
- 7 Valve on each tower allows you to operate towers separately or simultaneously.
- 8 Tall towers and adjustable collars position easily to place pulls exactly where you need them.
- 9 10 tons of pulling power at the hook—front and back.
- 10 Trademark telescoping tower heads.
- 11 218 steel reinforced tiedown openings (including cross members), for virtually unlimited holding.
- 12 Anchoring with single-bolt clamp design is compatible with special adapters, including FAST.
- 13 Dual-acting hydraulics will give you more push/pull precision and your shop the versatility it needs to take on any job.
- 14 5,4 t lift capacity.
- 15 Two wheel chocks prevent forward/backward movement of vehicle.
- 16 True 360-degree pulling capability.
- 17 Unique interchangeable drive-on ramps for safer loading and unloading.



From its brawny 10-ton towers to its impressive 12,000 pound lift capacity, the Titan-360™ combines all the raw power you'll ever need with the innovative and easy-to-use features you've come to expect from Chief® to get the job done fast, right and profitably. The Titan-360 can handle virtually any vehicle that rolls through your shop—from the smallest unitized frames to the big dual-axle extended-cab trucks. Plus the Titan-360 is fully compatible with all Chief computerized measuring systems, allowing you to perform simultaneous “real time” pulling and measuring.



Wide 2230 mm deck is perfect for trucks, SUVs and full-frame vehicles.



Illustration shows  
Titan 360 Series 21/20'



Tower roller bearings raise off the channel surface and bear no weight during pulls for years of maintenance-free operation.



Unique deck design for down pulls wherever you need them.



The Titans unique design lets you gang three towers together for faster, more accurate repairs.

More information at:  
[chiefautomotive.eu](http://chiefautomotive.eu)



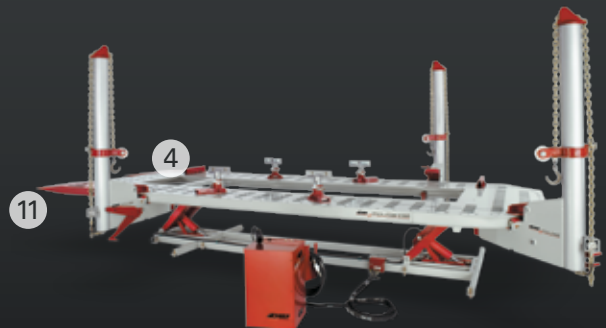
Only Chief could bring you so much for so little

## Impulse E/VHT

- 1 Variable height allows you to raise the deck with six stops in between.
- 2 True 360-degree pulling capability.
- 3 10-ton towers.
- 4 Wheel chocks prevent forward/backward movement.
- 5 Adjustable collars.
- 6 Unique deck design for downpulls wherever you need them.
- 7 Universal Anchoring System with eight working heights.
- 8 Anchoring is compatible with F.A.S.T.
- 9 172 steel reinforced tie-down holes (192 on 20' model) for virtually unlimited holding.
- 10 Telescoping tower heads.
- 11 Unique interchangeable drive-on ramps.



Power and performance in one affordable package. The Chief® Impulse®-E/VHT gives you the highend features and capabilities you've come to expect from Chief - at a low-end price you don't. No other pulling system in the industry gives you the options and versatility that the E/VHT provides - at any price. Chief is proud of the E/VHT, and we invite you to compare what Impulse offers with any other competitive pulling rack on the market. We're confident you'll agree that the Impulse-E/VHT offers the quality, durability and innovative features you need at a price that will keep you light-years ahead of the competition.



Your choice of either 5490/2030 mm or 6096/2230 models (deck length/width).

Illustration shows Impulse E/VHT Series 30/18'



Patented Sure-Lock® mechanism pins and secures towers with one easy movement for added speed, accuracy and safety.



Hydraulic pump allows for simultaneous multiple pulling with up to four towers.



Hand-held pendant controls all height and pulling operations.

More information at:  
[chiefautomotive.eu](http://chiefautomotive.eu)





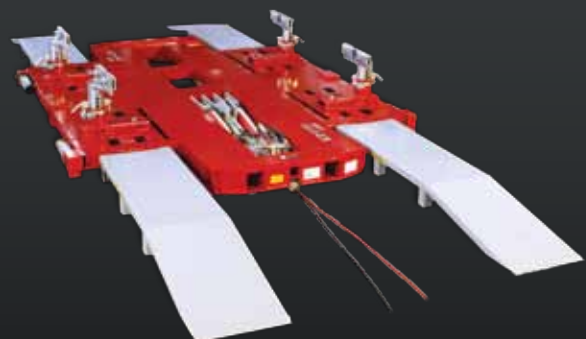
The right combination of innovation and power

## EZ Liner Express

- 1 5 t of pulling force
- 2 2,5 t of lifting capacity
- 3 True 360-degree repair system
- 4 Fully compatible with all Chief computerized measuring systems
- 5 Convenient pulling height and 5 working heights for precise positioning
- 6 Standard Chief deck openings fit your existing accessories for holds and down-pulls.
- 7 Leveling legs and vehicle spotting pads
- 8 One-piece top deck plate creates a strong surface for holds and down-pulls.
- 9 Adjustable collar creates proper pulling angle
- 10 Tall anchor clamps allow compatibility with all Chief computerized measuring systems - anchors and clamps included



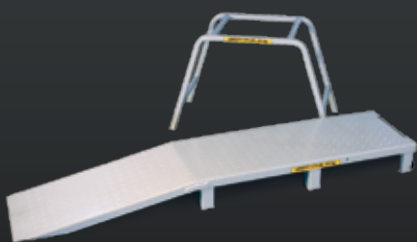
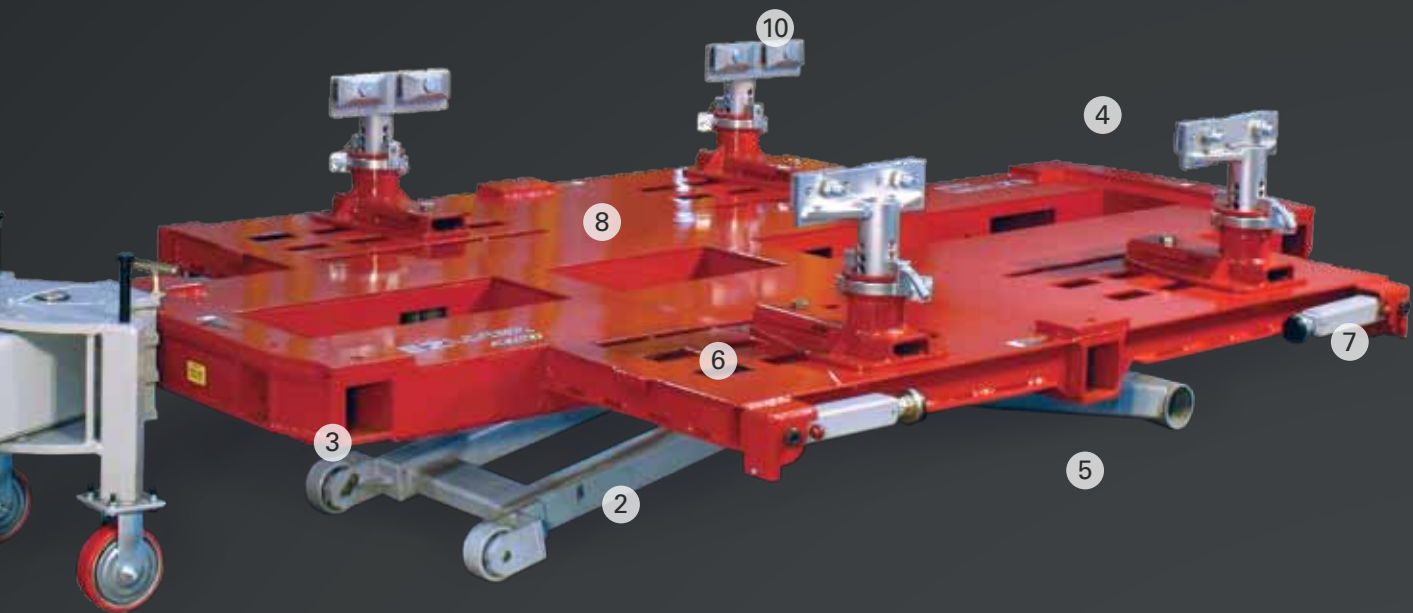
Only EZ Liner Express offers the right combination of features in a smaller, high quality collision pulling system - packaged to keep your shop on the cutting edge of today's repair industry. A combination of quality and features that add up to real value in your shop! With five tons of affordable pulling power, you can have one in every bay!



Minimum footprint: 5698mm x 6040mm



Illustration shows  
EZ Liner Express Repair System



Loading ramps and wheel stands included. Ramp wheels enable quick and EZ maneuverability.



Pivoting tower allows for perfect pulling angle.



Down-pulls outside of the deck are no problem. Simply attach the optional down-pull attachment.

More information at:  
[chiefautomotive.eu](http://chiefautomotive.eu)



For any problem

# Accessories

Productive work depends on the correct accessories. Chief offers a variety of different items to make everyday work simpler and safer.

More information at:  
[chiefautomotive.eu](http://chiefautomotive.eu)



## F.A.S.T. Anchoring

The perfect solution for the efficient lifting of larger vehicles (Pick-up, SUV etc.).



## Vehicle Anchoring

Universal or special vehicle lifts from Chief are especially simple to handle.



## Auxiliary Rams & Accessories

Whenever concentrated support is needed in a specific spot.



## Measuring Systems

# Stationary

More and more customers and insurance companies are requiring the use of computerized measuring as part of the repair process. And Chief's Velocity® is far and away the most sophisticated, yet simple to learn and operate system available in the industry today.



More information at:  
[chiefautomotive.eu](http://chiefautomotive.eu)



## Measuring Systems

# Portable

Measure body openings, safety cages and point-to-point distances faster, easier and more accurately than ever before with Chief's rugged and innovative Intelli-Tape™ measuring system

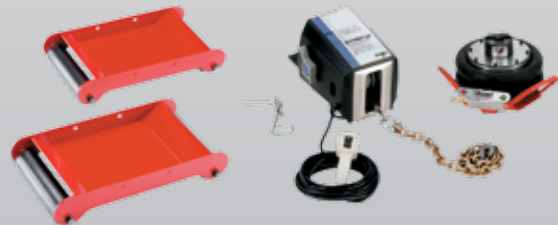


More information at:  
[chiefautomotive.eu](http://chiefautomotive.eu)



### Productivity

Small things can make a big difference - e.g. the hydraulic air lift or the electrical cable winch.



### Accessory Packages

Ready to go immediately with the practical accessory sets from Chief.



### Pulling Accessories

Choose from our wide range of pulling equipment and find the right one for you.



## Specifications

# Goliath



More information at:  
[chiefautomotive.eu](http://chiefautomotive.eu)

	Series 20/22'	Series 30/22'	Series 40/22'
Article no.	CH-451000	CH-451001	CH-451002
Capacity	5,4 t	5,4 t	5,4 t
Driving voltage (electric)	230 / 50 V/Hz	230 / 50 V/Hz	230 / 50 V/Hz
Platform length	6706 mm	6706 mm	6706 mm
Space requirement length	8687 mm	8687 mm	8687 mm
Platform width	2337 mm	2337 mm	2337 mm
Platform openings (with cross brace)	280	280	280
Space requirement width	2337 mm	2337 mm	2337 mm
Space requirement height	2840 mm	2840 mm	2840 mm
Working height min.	483 mm	483 mm	483 mm
Working height max.	1016 mm	1016 mm	1016 mm
Number of towers	2	3	4
Weight (2 towers)	3220 kg	3220 kg	3220 kg
Weight (3 towers)	3515 kg	3515 kg	3515 kg
Pulling force per tower	10 t	10 t	10 t



## Specifications

# Titan 360



More information at:  
[chiefautomotive.eu](http://chiefautomotive.eu)

	Series 21/20' Basic	Series 22/20' Basic	Series 31/20' Basic	Series 32/20' Basic
Article no.	CH-687321	CH-687322	CH-687331	CH-687332
Driving voltage (electric)	230 / 50 V/Hz	230 / 50 V/Hz	230 / 50 V/Hz	230 / 50 V/Hz
Platform length	6096 mm	6096 mm	6096 mm	6096 mm
Platform length including ramps	6700 mm	6700 mm	6700 mm	6700 mm
Platform length including extended towers (front and rear)	7620 mm	7620 mm	7620 mm	7620 mm
Space requirement length	7620 mm	7620 mm	7620 mm	7620 mm
Platform width	2230 mm	2230 mm	2230 mm	2230 mm
Platform width including extended towers (front)	3911 mm	3911 mm	3911 mm	3911 mm
Platform width including extended towers (front and rear)	3860 mm	3860 mm	3860 mm	3860 mm
Platform openings (with cross brace)	218 mm	218 mm	218 mm	218 mm
Space requirement width	3860 mm	3860 mm	3860 mm	3860 mm
Space requirement height	2819 mm	2819 mm	2819 mm	2819 mm
Working height min.	787 mm	787 mm	787 mm	787 mm
Working height max.	787 mm	787 mm	787 mm	787 mm
Number of towers	<b>2/1</b>	<b>2/2</b>	<b>3/1</b>	<b>3/2</b>
Weight (2 towers)	2971 kg	2971 kg	2971 kg	2971 kg
Weight (3 towers)	3288 kg	3288 kg	3288 kg	3288 kg
Weight (4 towers)	3583 kg	3583 kg	3583 kg	3583 kg
Weight (5 towers)	5443 kg	5443 kg	5443 kg	5443 kg
Pulling force per tower	10 t	10 t	10 t	10 t

## Specifications

# Impulse E/VHT

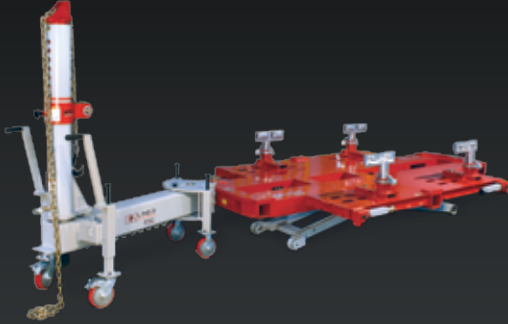


More information at:  
[chiefautomotive.eu](http://chiefautomotive.eu)

	Series 20/18' Basic	Series 30/18' Basic	Series 40/18' Basic
Article no.	CH-450436	CH-450437	CH-450438
Capacity	4,5 t	4,5 t	4,5 t
Driving voltage (electric)	230 / 50 V/Hz	230 / 50 V/Hz	230 / 50 V/Hz
Platform length	5490 mm	5490 mm	5490 mm
Space requirement length	6807 mm	6807 mm	6807 mm
Platform width	2030 mm	2030 mm	2030 mm
Platform openings (with cross brace)	172	172	172
Space requirement width	3404 mm	3404 mm	3404 mm
Space requirement height	3048 mm	3048 mm	3048 mm
Working height min.	483 mm	483 mm	483 mm
Working height max.	1016 mm	1016 mm	1016 mm
Number of towers	2	3	4
Weight (2 towers)	2430 kg	2430 kg	2430 kg
Weight (3 towers)	2700 kg	2700 kg	2700 kg
Pulling force per tower	10 t	10 t	10 t
	Series 20/20' Widetrack	Series 30/20' Widetrack	Series 40/20' Widetrack
Article no.	CH-450430	CH-450431	CH-450432
Capacity	4,5 t	4,5 t	4,5 t
Driving voltage (electric)	230 / 50 V/Hz	230 / 50 V/Hz	230 / 50 V/Hz
Platform length	6096 mm	6096 mm	6096 mm
Space requirement length	7416 mm	7416 mm	7416 mm
Platform width	2030 mm	2030 mm	2030 mm
Platform openings (with cross brace)	198	198	198
Space requirement width	3605 mm	3605 mm	3605 mm
Space requirement height	3048 mm	3048 mm	3048 mm
Working height min.	483 mm	483 mm	483 mm
Working height max.	1016 mm	1016 mm	1016 mm
Number of towers	2	3	4
Weight (2 towers)	2910 kg	2910 kg	2910 kg
Weight (3 towers)	3180 kg	3180 kg	3180 kg
Pulling force per tower	10 t	10 t	10 t

## Specifications

# Kahuna



More information at:  
[chiefautomotive.eu](http://chiefautomotive.eu)

	Basic System	Repair System
Article no.	CH-556001	CH-556010
Capacity	2,5 t	2,5 t
Driving voltage (electric)	230 / 50 V/Hz	230 / 50 V/Hz
Platform length including ramps	4953 mm	4953 mm
Platform width	1981 mm	1981 mm
Platform openings	32	32
Space requirement length	6096 mm	6096 mm
Space requirement width	5156 mm	5156 mm
Working height min.	133 mm	133 mm
Working height max.	838 mm	838 mm
Number of towers		1
Pulling force per tower		5 t

# Approvals



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## Product releases

			
Supplier relationships			
		