



## Hall® Titan™

### Power Series

Refined for peak performance, the Hall® Titan™ Series is the next generation of powerful, precise, and reliable powered instruments from the brand that's been trusted in operating rooms across the world for over 55 years – Hall® Powered Instruments.



**PRIMECUT®**  
CASSETTES



**DRILL-REAM**  
ATTACHMENTS



**HALL® MICROFREE®**  
SMALL BONE POWER SYSTEM



To learn more about these and other innovative products, call **1-866-4CONMED** or visit [www.CONMED.com](http://www.CONMED.com).



Hall® Titan™  
Reciprocating Saw,  
PRO9400B

Hall® Titan™  
Oscillating Saw,  
PRO9300B

Hall® Titan™  
Primecut+™ with  
Primecut® Cassette,  
PRO9350B

Hall® Titan™  
1-Trigger  
Modular Drill,  
PRO9100B

Hall® Titan™  
2-Trigger  
Modular Drill,  
PRO9200B

Hall® Titan™  
Sternum Saw,  
PRO9450B



SIMPLE STERILIZATION

## A New Titan of the Industry

While medical technology has evolved greatly since Hall® developed the world's first surgical pneumatic drill in 1963, one thing that has remained consistent is the way we develop all Hall® Powered Instruments. We take the knowledge and information we receive from working directly with surgeons, material managers, OR nurses, and hospital administrators to drive innovation and improve our technology. With every new product, we are constantly rethinking, adjusting, refining, and enhancing in order to raise the bar even higher and establish a new standard of quality and performance.

Whether you are a surgeon, a materials manager, an OR nurse, an ASC administrator, or hospital executive, every feature of the Hall® Titan™ Power Series is deliberately and meticulously designed to help you consistently and reliably achieve your goals.



Hall® Titan™  
2-Trigger Modular Drill,  
PRO9200B

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PRIMECUT®  
CASSETTES

## Clinical Performance

### Powerful Cutting Efficiency: One Oscillating Saw Does It All

Able to operate at a speed of 14,500 cpm, the Hall® Titan™ Standard and Primecut+™ Oscillating Saws deliver 32% faster cutting speeds than the Hall 50™ Oscillating Saw to provide increased efficiency for total joint cases!<sup>1</sup>The hub of the Primecut+™ Oscillating Saw is compatible with both standard oscillating blades and Primecut® Cassettes, eliminating the need for a second oscillating saw.

### Precision Designed for Patient Safety

Increased cutting speed is great, but you still need control and precision – which is why we developed the Hall® Primecut® Cassettes. Compatible with the Hall® Titan™ Primecut+™ Oscillating Saw, these cassettes feature a unique tooth profile that provides aggressive cutting while minimizing the overtravel of the blade from the cassette.<sup>2</sup> This allows you to take advantage of increased cutting efficiency and guide the cassette while also protecting the surrounding tissue. The diamond-like carbon coating of the cassettes is designed to reduce friction and heat while maintaining the sharpness of the teeth.<sup>2</sup>

#### Handpieces

Hall® Titan™ Oscillating Saw	PR09300B
Hall® Titan™ Primecut+™ Oscillating Saw	PR09350B

#### Primecut® Cassette Blades

1.27 x 105 x 25mm	SH127-105-25
1.27 x 105 x 20mm	SH127-105-20
1.27 x 90 x 25mm	SH127-090-25
1.27 x 90 x 20mm	SH127-90-20
1.37 x 105 x 25mm	SH137-105-25
1.37 x 105 x 20mm	SH137-105-20

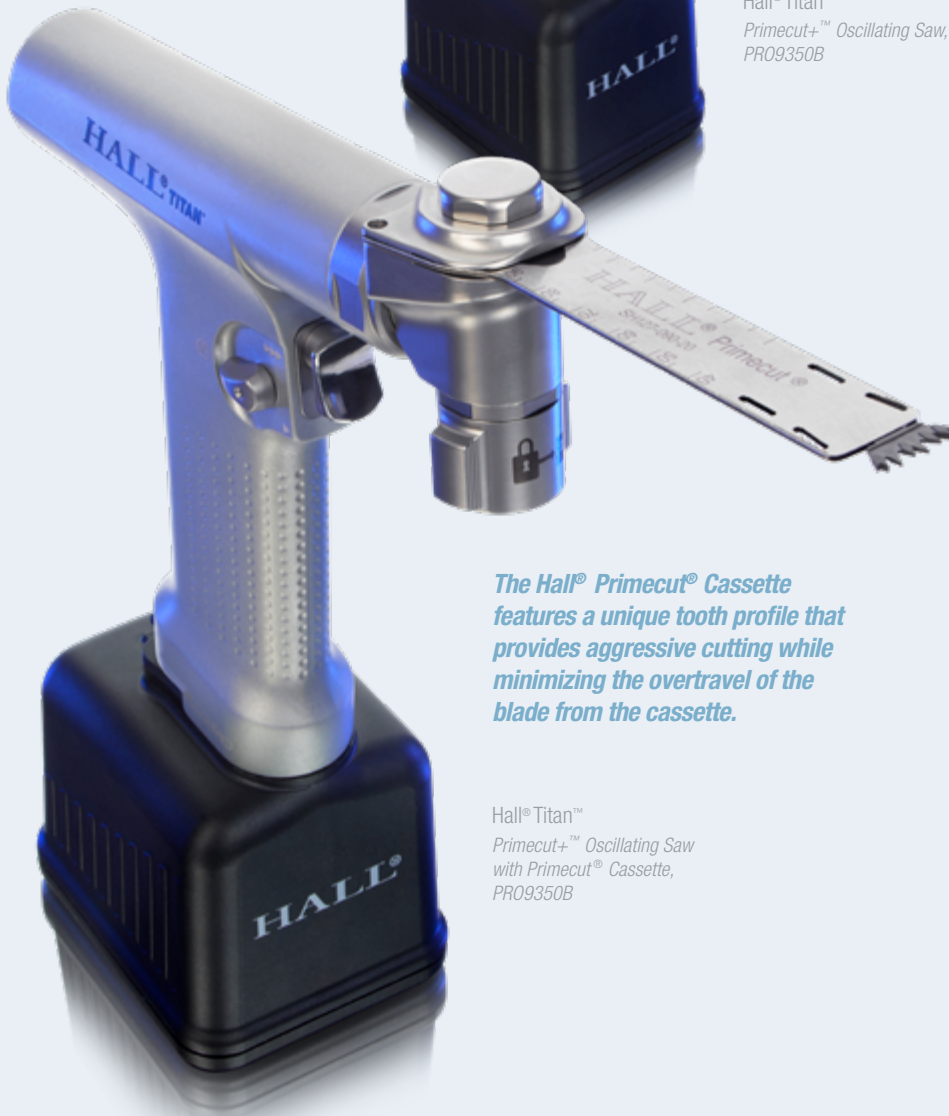
<sup>1</sup> Data on File: PDD1348414

<sup>2</sup> Data on File: PDD1605720



*The Hall® Titan™ Standard and Primecut+™ Oscillating Saws are able to operate at a speed of 14,500 cpm.*

Hall®Titan™  
Primecut+™ Oscillating Saw,  
PRO9350B



*The Hall® Primecut® Cassette features a unique tooth profile that provides aggressive cutting while minimizing the overtravel of the blade from the cassette.*

Hall®Titan™  
Primecut+™ Oscillating Saw  
with Primecut® Cassette,  
PRO9350B

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HALL® TITAN™  
PRIMECUT+™  
OSCILLATING SAW

HALL® TITAN™  
POWER SERIES

# Designed to Perform

## Improved Control

Hall® Titan™ handpieces are manufactured to provide a seamless and controlled clinical experience. The modular drills feature linear variable speed triggers controlled by how far you pull the trigger – providing more precise manipulation of blade and drill speed. They have also been engineered to produce less vibration, giving you better command of the instrument.

## Enhanced Ergonomics and Grip

Hall® Titan™ handpieces feature a lightweight design that's been engineered to reduce hand fatigue. Ergonomically designed<sup>1</sup> to maximize surgeon comfort, they fit comfortably in your hands and feature new textured surfaces that are designed to provide better control and grip during procedures with wet surgical gloves.

## Manufactured to Perform

Every handpiece goes through a comprehensive and thorough inspection by eight separate quality control experts before it ever leaves our factory.

### Handpieces

Hall® Titan™ 1-Trigger Modular Drill	PRO9100B
Hall® Titan™ 2-Trigger Modular Drill	PRO9200B
Hall® Titan™ Oscillating Saw	PRO9300B
Hall® Titan™ Primecut+™ Oscillating Saw	PRO9350B
Hall® Titan™ Reciprocating Saw	PRO9400B
Hall® Titan™ Sternum Saw	PRO9450B



Hall® Titan™  
2-Trigger Modular Drill,  
PRO9200B

<sup>1</sup> Data on File: UL file E350964-A10





Hall® Titan™  
Reciprocating Saw,  
PRO9400B



Hall® Titan™  
Stemum Saw,  
PRO9450B

# Consistent, Long-Lasting Power

Hall® UL-approved autoclavable small and large lithium batteries deliver greater torque and longer performance than similarly sized batteries.<sup>1</sup> This means that as an orthopedic surgeon, you will get consistent and reliable power you can count on and will not have to stop and switch out batteries – even during the most demanding procedures. Both the large and small lithium batteries provide excellent performance for small bone, large bone, trauma, sports medicine, and cardiothoracic procedures, while the large lithium batteries provide the extra torque needed for reaming during large bone procedures like total knee and hip arthroplasty.

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LITHIUM BATTERY

## Lithium Batteries

Hall® Large Lithium Battery, 13.2 Volt	L3000LG
Hall® Small Lithium Battery, 13.2 Volt	L3000SM
Hall® Lithium Charger	L3000

Hall®  
Small Lithium  
Battery, L3000SM



Hall®  
Large Lithium  
Battery, L3000LG



▶ ***Tired of having to frequently replace your lithium batteries? Hall® Power's upgraded small and large lithium batteries feature Aerogel Insulation, extending the batteries' cycle count and longevity by keeping lithium cells 6.27°C cooler when exposed to standard autoclave temperatures and pressures.<sup>2</sup>***

<sup>1</sup>Data on File: PDD1605740 <sup>2</sup>Data on File: PDD154405





- H** Handpieces
- B** Batteries
- A** Attachments

## Efficient Sterile Processing

### One-Step Sterilization

Unlike leading competitors, the Hall® Titan™ Series features the market's only UL-approved autoclavable lithium batteries currently.\* The Titan™ Series allows the batteries, handpieces, and attachments to be sterilized together in the same tray at the same time. Lithium systems manufactured by other companies are approved for immediate use sterilization only.

### The Market's Most-Effective Sealing: IPX 6, IPX 8, and IPX 9

Hall® Titan™ handpieces are engineered with TRI-SEAL™ Technology, an advanced triple-sealing which gives the handpieces superior resistance to moisture intrusion and compatibility with automated washer/sanitizers. Hall® Titan™ handpieces have ingress protection ratings of IPX 6, IPX 8, and IPX 9 - providing resistance to moisture intrusion in the presence of water jets and submersion.

### Faster Turnaround

Hall® Lithium Batteries offer rapid turnover with a maximum charge time of 30 minutes and an average charge time of only 12 minutes.

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LARGE TRAY WITH  
INSERT PRO7000T

\*Compared to other major medical device manufacturers

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## Sterilization Made Simple

A full set of powered instruments may contain components that are not needed for every surgery. These unused instruments are then unnecessarily subjected to the harsh sterilization process. CONMED's new Hall® Titan™ series fits within the unique modular tray system that allows for organization of handpieces and attachments to best meet your facility's needs. The tray system includes two half size inner tray options that can be optimized for specific procedures requiring drills, such as sports medicine surgery requiring drills, versus total joint surgery requiring saws for easy and efficient case preparation. Alongside the two inner trays, Hall® also offers a full size inner tray to fit all of your Titan™ equipment and accessories.

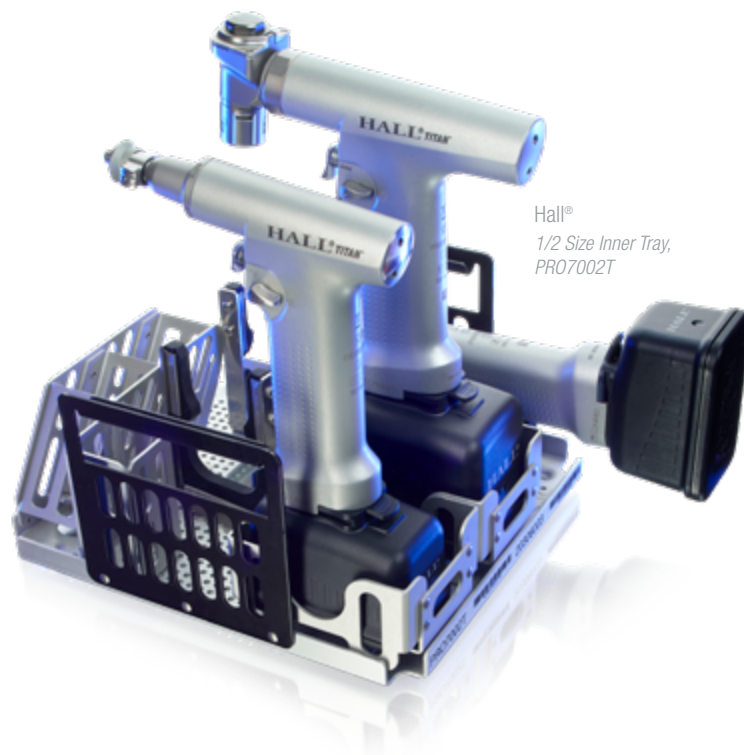
Thanks to our continuous dedication to backward-forward compatibility, our Hall® Power inner trays and inserts accommodate both the Hall® Titan™ and legacy power handpieces.

### Sterilization Containers

3/4 Size Rigid Sterilization Container	TR34R
1/2 Size Rigid Sterilization Container	TR12R

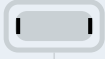
### Sterilization Trays

Hall® 50 3/4 Size Inner Tray, Full Set	PR07000T
Hall® 50 1/2 Size Inner Tray, Drill Set	PR07001T
Hall® 50 1/2 Size Inner Tray, Saw Set	PR07002T

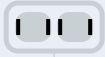


Hall®  
1/2 Size Inner Tray,  
PR07002T

Use one large tray in the large container ...



a small drill tray and small saw tray in the large container ...



or a small saw tray in the small container ...



or a small drill tray in the small container.



Financial Stakeholders:

# Lower Acquisition, Operational, and Upgrade Costs

Discover why the Hall® Titan™ Series has the lowest total cost of ownership of any powered instruments system on the market.

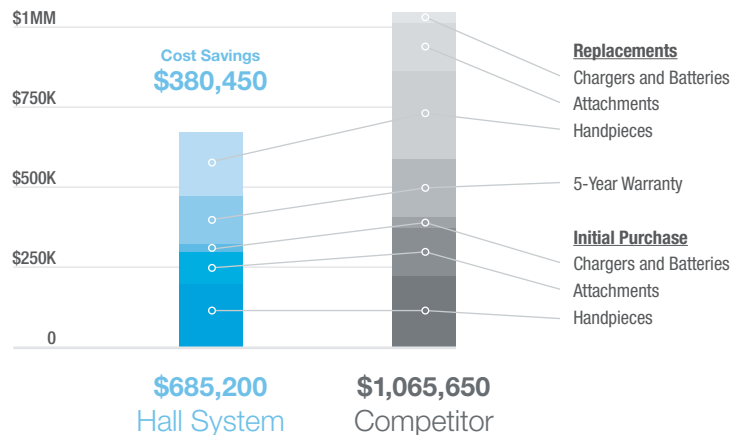
## Single System Platform

Unlike other systems that require you to purchase one modular handpiece and attachments for large bone procedures and another modular handpiece and instead for small bone procedures, the Hall® Titan™ handpieces deliver superior performance for both procedure types with a single modular drill. This universal handpiece platform delivers big cost savings in both the short and long term with less upfront spending, less equipment to maintain and repair, and less training needed.

## Never Forced to Upgrade

When new power systems are incompatible with their old attachments, accessories, or disposables, you are forced into expensive upgrades when your existing equipment is still working. The Hall® Titan™ Series is backward and forward compatible, which means you can use it with both our legacy and future equipment – delivering better long-term value and giving you more for your investment.

### COST: TOTAL 5-YEAR LIFE CYCLE<sup>1</sup>



<sup>1</sup>Based on sample case analysis: medium-sized orthopedic hospital, 3-5 orthopedic surgeons, 5 year product life.

### **Smart Design, Smart Repair**

Regardless of the manufacturer, gears in powered instruments will break down with normal use. The Hall® Titan™ Series is specifically designed with the gears in the attachment, not the handpiece. When the time comes for gear repair or maintenance, your handpiece stays in circulation while convenient maintenance of your attachment takes place.

### **CONMED Shield Service Programs: High Quality, Flexible Service**

As an FDA-regulated and ISO 13485 certified facility, CONMED service provides fast, cost-effective, and high quality service for every component of the Hall® Titan™ Series through our CONMED Shield Service Programs. We also offer complete flexibility in our service solutions and multiple program levels that can be tailored to meet the specific needs of your organization's surgical schedule, inventory, and budgetary requirements.

### **Operating Agreement – No Capital Budget? No Problem!**

Want to upgrade your power with the Hall® Titan™ Series but don't have any capital budget available? We've got you covered! You can purchase the Hall® Titan™ Series with no capital spending and instead pay low monthly payments from your operational budget. There's even the option to bundle your capital and service costs together for a worry-free monthly cost.

### **Schedule a No-Obligation Evaluation**

The best way to experience all the benefits of the Hall® Titan™ Series is to schedule an evaluation. Contact your local CONMED Sales Representative by calling **1-866-4CONMED** or visit [www.CONMED.com/HallTitan](http://www.CONMED.com/HallTitan) for more information.

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## Hall® Titan™ Power Series

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