American Orthopaedic™
Cast Removal System

Durable Construction
Advanced Machining
Easy Maintenance

Delta-Cast®

American Orthopaedic™

Cast Removal System

American Orthopaedic™ Cast Cutter

Product Benefits

- Balance of weight and power helps reduce user fatigue.
- Internally lubricated for longer service.
- Switch is designed and placed so that it will not break if dropped.
- Hex drive provides six (6) blade rotations extending blade life by 50% compared to similar competitive models.
- Pin drive provides four (4) blade rotations.
- One year limited warranty.

American Orthopaedic™ cast cutter

Ref	Description
081186212	115 VAC,50-60 Hx, 1.5 amps. **hex** drive
N/A	115 VAC,50-60 Hx, 1.5 amps. **pin** drive

The American Orthopaedic™ Cast Cutter is supplied with a 10' cord and hospital grade plug, one (1) 2.5" diameter multi-purpose blade, wrench, owner's manual and registration card.

American Orthopaedic™ Cast Dust Vacuum

Product Benefits

- Lightweight and mobile; facilitates easy movement from room to room or patient to patient.
- Unique lift-out disposable filter cartridge keeps the system running at peak efficiency and makes waste disposal quicker, easier, safer and cleaner; no more messy bags.
- Quiet operation may help ease patient fears with reduction of noise.
- Remote on / off switch allows the saw and vacuum to be turned on simultaneously.
- The 8' hose increases maneuverability.

American Orthopaedic™ Cast Dust Vacuum

Ref	Description
N/A	115 VAC, 50-60 Hz, 8.5 amps, hose length - 8' x 1.25" I.D.Width - 15", Height - 23.5", Weight - 25 lbs., Length - 23"

The American Orthopaedic™ Dust Vacuum is supplied with a pre-installed Disposable Filter Cartridge (0295-410), 6 hose straps, vacuum nozzle adapter, owner's manual and registration card.

American Orthopaedic™

Cast Removal System

American Orthopaedic™ Portable Vacuum

Product Benefits

- Unique disposable filter cartridge makes replacement quick, easy and clean with no more messy bags.
- The self-contained unit conveniently stores cast spreader, scissors, replacement blades and the filter storage caps.
- Lightweight construction and convenient handle provides easy mobility.
- Versatile; attaches easily to most cast cutters*.

American Orthopaedic™ Portable Cast Dust Vacuum

Ref	Description
N/A	115 VAC, 50-60 Hz, 6.75 amps, cord length - 10', hose length - 5' x 1.25" I.D. Airflow 66 CFM, Waterlift 63" Width - 7.5", Height - 9.75", Weight - 9 lbs. 14 oz., Length - 19.5"

The Portable Cast Dust Vacuum is supplied with a pre-installed Disposable Filter Cartridge (0295-175), 6 hose straps, storage caps for filter, nozzle and bracket for Cast Cutter, owner's manual and registration card.
*The vacuum may also be adapted to the following cast cutters; Stryker® #840, Stryker® #940, and Zimmer® #8909-01. Accessories required. See List of Accessories below.

Cast Application Accessories

Ref	Description	UOM
N/A	Portable filter cartridge for 0295-400 vacuum	1 ea
N/A	Portable filter cartridge for 0295-300 vacuum	1 ea
N/A	Straight vacuum nozzle assembly connects 0295-200 cutters to 0295-300 or 0295-400 vacuums	1 ea
N/A	Vacuum nozzle adapter connects the 0295-300 or 0295-400 vacuums to Stryker® 840 cutter	1 ea
N/A	Right angle vacuum nozzle assembly connects 0295-200 cutters to 0295-300, 0295-400, 0295-250 vacs	1 ea

Essity Buckets

Ref	Description	UOM
N/A	Essity Logo Plastic Casting Pail	1 ea

The sturdy Essity pail provides water supply for cast activation.

Zip Stick

Ref	Color	UOM
081080621	White	1 ea

This convenient cast aid provides additional patient protection during cast removal. The stick slides under the cast and provides a smooth path for scissors or cast saw. Standard and metric rule adds functionality.

Knee Rest

Ref	Color	UOM
N/A	White	1 ea

This sturdy foam knee rest is covered in washable vinyl for easy clean-up. The knee rest is used to aid in positioning a patient's limb for casting and to provide additional patient comfort during the casting process.

Saw Stop® DE-FLEX™ protective strips

Ref	Color	UOM
N/A	White	1 ea

Saw Stop® DE-FLEX™ protective strips are tough, waterproof, flexible ribbons that provide an added layer of protection from a cast saw.

Cast Application Accessories

Casting instruments from Essity® are safe for the patient and effective for cutting casting material. They are handcrafted with high quality stainless steel to provide precision performance.

Casting Instruments

Ref	Description	UOM
N/A	A. Improved Cast Spreader 9"	1 unit
N/A	B. Replacement Spring, Spreader	1 unit
N/A	C. Bohler Serrated Edge Scissors 9.5”	1 unit
N/A	D. FCT 6” Scissors	1 unit
N/A	E. FCT 8” Scissors	1 unit
N/A	F. Esmarch Scissors 8”	1 unit
081615665	G. Adjustable Cast Stand, adjusts from 10.5” to 19”	1 unit

A. Improved Cast Spreader 9"
B. Replacement Spring, Spreader

D. FCT 6” Scissors

C. Bohler Serrated Edge Scissors 9.5”

E. FCT 8” Scissors

F. Esmarch Scissors 8”

G. Adjustable Cast Stand

Cast Application Accessories

Cast Saw Blades

1. Blades with no coating are manufactured from stainless steel and hardened to increase blade life.

2. “Plus” blades are manufactured with a special hardening process that provides a sharp, long lasting cutting edge with hardened steel durability.

3. PTFE coated blades are manufactured with stainless steel and coated to reduce friction.

4. Titanium Nitride “Gold” coated blades resist wear, making this blade Essity’s longest lasting blade.

5. Dicronite® coated blades are manufactured with stainless steel and coated to improve the cutting process and extend the life of the blade.

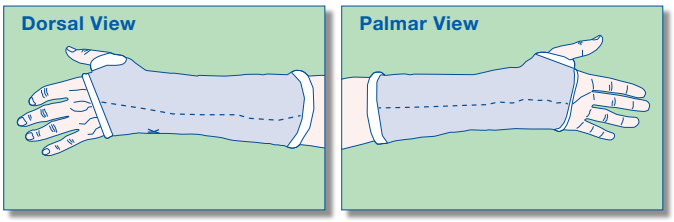
Number	Ref	Coating	Hub Design	Size	UOM	Recommended Uses
1	**N/A**	None	Universal	2"	6/pkg.	Plaster, bone, synthetic cast material
1	**N/A**	None	Universal	2.5"	6/pkg.	Plaster, bone, synthetic cast material
1	**N/A**	None	Pin	sectioned	1 ea	Plaster, bone, synthetic cast material
1	**081186220**	None	Universal	2.5”	1 ea	Plaster, synthetic cast material
2	**N/A**	Plus	Universal	2"	1 ea	Plaster, synthetic cast material, composites, plastics
2	**N/A**	Plus	Universal	2.5"	1 ea	Plaster, synthetic cast material, composites, plastics
3	**N/A**	PTFE	Universal	2"	1 ea	Plaster, synthetic cast material
3	**081398767**	PTFE	Universal	2.5"	1 ea	Plaster, synthetic cast material
4	**N/A**	Titanium Nitrade "Gold"	Universal	2.5"	1 ea	Plaster, synthetic cast material, composites, plastics
5	**N/A**	Dicronite	Universal	2.5"	1 ea	Plaster, synthetic cast material, composites, plastics

Universal hub fits hex (6 sided) hubs and pin drive hubs.

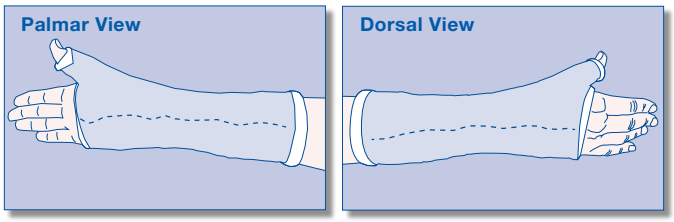
Cutting Lines for Cast Removal

Lines are always over soft tissue not over bony prominence.

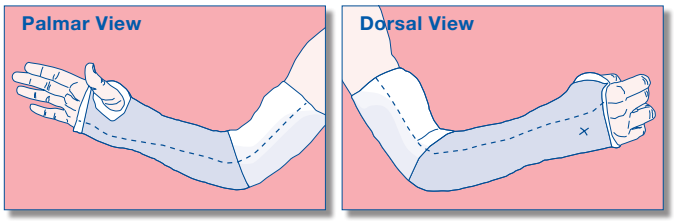
SHORT ARM CAST



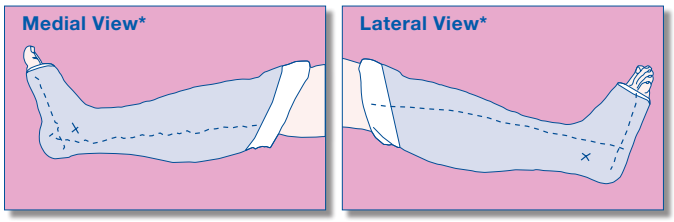
THUMB SPICA CAST



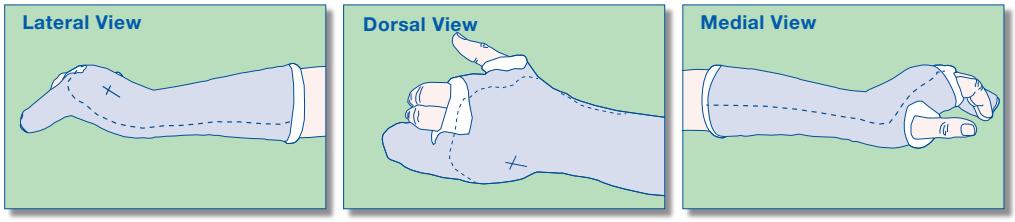
LONG ARM / MUENTSER CAST



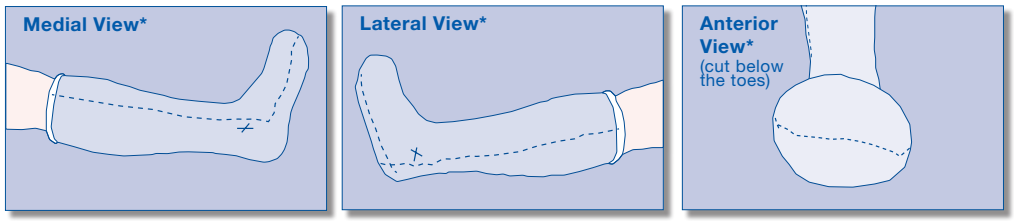
SHORT LEG & PTB CAST



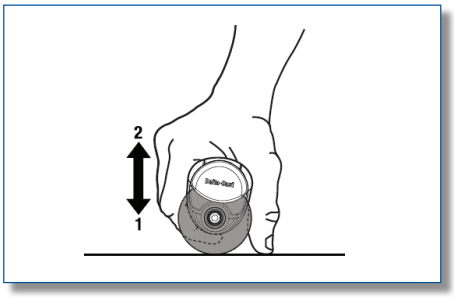
BOXER CAST



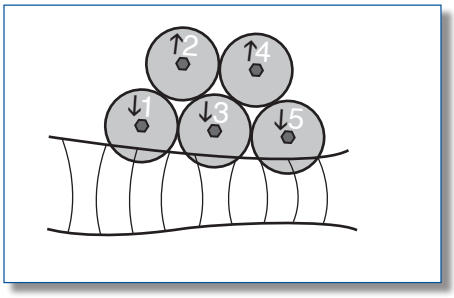
CUTIMED OFF-LOADER



Cutting motion is up and down



Overlap cuts 1/2 way



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