

**deSouffer**  
MEDICAL



**Vdrive**<sup>TM</sup>

*"Best in class power to weight ratio"*

***The Ultimate in Performance Veterinary Power Tools***





## THE VDRIVE™ SYSTEM

Since the development of the first Slocum TPLO saw, in partnership with Dr Barclay Slocum DVM, the De Soutter Medical Veterinary range is now recognised as being the best in its class.

Our Vdrive™ veterinary range is lightweight and fully modular, and comprises a large and small bone system which share a common battery platform. The V-MBQ is suitable for large bone surgery, with a uniquely reliable TPLO attachment. Whilst the V-MBU is equally suitable for small bone surgery.

We are pleased to be introducing our elegant straight case TPLO saw with its unique dual position trigger function, enabling complete flexibility of grip.

A range of aseptic and sterile batteries with Li-Ion technology ensures a class-leading power to weight ratio.





## VDRIVE™ V-MBU SMALL BONE POWERED INSTRUMENT RANGE



### **V-MBU-470**

Fitted with sagittal saw attachment and A.O. drill.

#### **Advanced function controls**

- High speed and oscillating drilling.
- Low speed drilling, screw driving and tapping.
- Torque limiting for screw driving.
- Forward and reverse triggers.
- Mode selector button with mechanical safety lock.

#### **Power options**

- 14.6V Li-Ion aseptic batteries.
- 13.2V Li-Ion sterile batteries.
- Corded direct power.



# V-MBU SYSTEM


## HANDPIECE




ORDER CODE	MODEL	DESCRIPTION	SPEED (rpm)
1292444	V-MBU-470	Twin Trigger	0 - 1350

## ATTACHMENTS


	ORDER CODE	MODEL	DESCRIPTION	SPEED (rpm)	CANNULATION Ø mm
	18780	V-DU-470	0.5 - 4.0 mm (5/32") Keyed	0 - 1350	4.1
	18770	V-DU-470	0.5 - 7.4 mm (1/4") Keyed	0 - 1350	4.2
	18800	V-DU-470	A.O. Synthes/ASIF	0 - 1350	2.55
	18790	V-DU-470	Hudson/Zimmer	0 - 1350	4.2
	19480	V-BU-472	High speed bur Uses R Series burs	0 - 27000	-
			Standard bur guard Order code 18720	Long bur guard Order code 18730	Extra long bur guard Order code 18740
	18840	V-RU-470	Hudson/Zimmer	0 - 350	4.2
	18830	V-RU-470	A.O. Synthes	0 - 350	4.2
	18820	V-RU-470	0.5 - 7.4 mm (1/4")	0 - 350	4.2
	18870	V-SU-470	Mini Sagittal saw Uses S85 type blades	0 - 22000 cpm	-
	18880	V-NU-470	Quick release sagittal saw Uses S88 type blades	0 - 20500 cpm	-
	18890	V-CU-470	Small reciprocating saw Uses S92 type blades	0 - 8000 cpm	-



<b>ORDER CODE</b> 18910
<b>MODEL</b> V-WU-471
<b>DESCRIPTION</b> 0.7 - 4.0 mm capacity
<b>SPEED (rpm)</b> 0 - 1350
<b>CANNULATION Ø mm</b> 4.0



<b>ORDER CODE</b> 18900
<b>MODEL</b> V-WU-470
<b>DESCRIPTION</b> 0.6 - 1.8 mm capacity
<b>SPEED (rpm)</b> 0 - 1350
<b>CANNULATION Ø mm</b> 1.8



<b>ORDER CODE</b> 18920
<b>MODEL</b> V-PU-470
<b>DESCRIPTION</b> 1.8 - 3.2 mm capacity
<b>SPEED (rpm)</b> 0 - 1350
<b>CANNULATION Ø mm</b> 3.2



# VDRIVE™ V-MBQ

## LARGE BONE POWERED INSTRUMENT RANGE





### V-MBQ-707

Fitted with slocum saw attachment and Jacobs drill.

#### Advanced function controls

- A single handpiece will cover all large bone veterinary procedures with its comprehensive range of attachments.
- Mode selector button with mechanical safety lock.
- Both double and single trigger options available giving total flexibility.

#### HANDPIECE SPECIFICATION


	ORDER CODE	MODEL	DESCRIPTION	SPEED (rpm)
	1291774	V-MBQ-707	Single Trigger	0 - 1350
	1291884	V-MBQ-708	Twin Trigger	0 - 1350
* only to be used with De Soutter Medical V-MBQ attachments				




## STRAIGHT CASE SYSTEM



### DEDICATED HANDPIECE SPECIFICATION

	ORDER CODE	MODEL	DESCRIPTION	SPEED (cpm)
	1293884	V-DBO-800	Dedicated straight case TPLO saw Uses De Soutter Medical R series blade * Also accepts Synthes® blades	0 - 13500

### MODULAR HANDPIECE SPECIFICATION

	ORDER CODE	MODEL	DESCRIPTION	SPEED (rpm)
	1293774	V-MBQ-807*	Modular straight case handpiece * To be used with De Soutter Medical V-MBQ attachments	0 - 1350

### V-MBQ ATTACHMENTS

	ORDER CODE	MODEL	DESCRIPTION	SPEED (rpm)	CANNULATION Ø MM
	18320	V-DQ-708	0.5 - 6.4 mm (1/4") keyed	0 - 1350	4.4
	18330	V-DQ-708	Small A.O Synthes/ASIF	0 - 1350	2.55
	18440	V-RQ-708	0.5 - 6.4 mm (1/4") keyed	0 - 330	4.4
	18290	V-KQ-707	Sagittal saw Uses S89 type blades	0 - 13500 cpm	
	18300	V-NQ-707	Small sagittal saw Uses S88 type blades	0 - 20000 cpm	
	18690	V-OQ-708*	TPLO oscillating saw Uses De Soutter Medical R series blade * Also accepts Synthes® blades	0 - 13500 cpm	
	18270	V-OQ-708	TPLO oscillating saw Uses Slocum blades	0 - 13500 cpm	
	18310	V-WQ-707	0.7 - 4.0 mm wire capacity	0 - 1350	4.0



# BATTERY AND ELECTRICAL COMPONENTS



## Why choose Lithium Ion battery technology?

De Soutter Medical Lithium Ion batteries offer the surgical team and sterile services a number of tangible benefits over conventional battery technology, including:

- Li-Ion technology improves battery 'capacity to weight' ratio by around 100% when compared to NiMH or NiCad chemistries.
- Significantly extends the usable run time of the power tool.
- Eliminates 'memory effect' normally associated with other battery types.
- Unique **fuel gauge** incorporated within De Soutter Medical Li-Ion batteries allows the surgical team to instantly assess the battery capacity - both before and during use.



## STERILE BATTERIES - LI-ION

	ORDER CODE	MODEL	DESCRIPTION	VOLTAGE	CAPACITY (mAh)
	17210	SB-703	Small battery	13.2V	1100
	17220	SB-704	Large battery	13.2V	2500

## ASEPTIC BATTERIES

### SMALL BATTERY



Battery pack



Battery housing



Battery shield

ORDER CODE	MODEL	DESCRIPTION	VOLTAGE	CAPACITY (mAh)
17910	AB-703	Battery pack	10.95V	2000
18850	V-AH-703	Battery housing	-	-
18100	AS-703	Battery shield	-	-

### LARGE BATTERY



Battery pack



Battery housing



Battery shield

ORDER CODE	MODEL	DESCRIPTION	VOLTAGE	CAPACITY (mAh)
17920	AB-704	Battery pack	14.6V	2000
18860	V-AH-704	Battery housing	-	-
18110	AS-704	Battery shield	-	-




# BATTERY AND ELECTRICAL COMPONENTS

## BC-700 MULTI BAY CHARGER AND MODULE OPTIONS

CHARGER ORDER CODE	CHARGER MODULE DESCRIPTION	CHARGER MODULE ORDER CODE	FOR BATTERY TYPE
15700	Without charger module fitted		
16230	With 4-off CA-703 charger modules	18120	AB-703 / AB-704
16220	With 4-off CA-700 charger modules	15750	SB-703 / SB-704

## SINGLE BAY CHARGERS

	ORDER CODE	MODEL	FOR BATTERY TYPE
	17990	BC-706	SB-703/SB-704
	18000	BC-707	AB-703
	18010	BC-708	AB-704

## MAINS CABLES

Mains power, 3 metres long

ORDER CODE	COUNTRY
8290	UK
8300	Euro
8310	US / Canada
8320	Australia / New Zealand
14700	Swiss

## BC-700 BATTERY CHARGER

The BC-700 Battery Charger requires minimal user input, simply insert battery and the BC-700 will charge, recover and recondition it to its optimum state.



# TPLO SAW BLADES

De Soutter Medical manufactured TPLO saw blades offer a range of advantages;

- Thinner blades - reduces weight, vibration and requires less cutting force
- Reduced cut thickness - minimises heat gain
- A sharper blade lasts longer
- Tooth offset improves cutting performance
- Tapered hub design reduces vibration and eliminates risk of blade coming undone
- Simple single captive screw makes fitting easier



### Synthes® compatible

	Length 45mm					Length 50mm	
Radius	12	15	18	21	24	27	30
DSM/Synthes®	20160	20170	20180	20190	20200	20210	20220
Slocum	20070	20080	20090	20100	20110	20120	20130

Synthes® is a registered trademark of Synthes-Stratec. De Soutter Medical are not associated with the Synthes® trademark.

# STERILISATION

	SYSTEM	Half size Container & insert tray Order code	Half size Insert tray Order code
	<b>V-MBU ASEPTIC</b>	19210	19190
	<b>V-MBQ-70X ASEPTIC</b>	19230	19220
	<b>V-MBQ-807 ASEPTIC</b>	20430	20380
	<b>UNIVERSAL</b>	19000	667923
	<b>Sterile filtered container</b> Accepts half size wire insert tray Order code: 19370		<b>Filter paper - single use</b> pack of 100 Order code: 657243
	<b>Security tag,</b> pack of 100 Order code: 657253		<b>Sterile indicator label,</b> pack of 100 Order code: 657263
	<b>Lid gasket</b> Order code: 669903		



# CORDLESS BATTERY POWERED SAW

## SAW SPECIFICATION



ORDER CODE	MODEL	VOLTAGE	OSCILLATING SPEED (CPM)	WEIGHT (GRAMS)
1286224	CSB-100	10.8 Vdc	16000	1050

Supplied with saw blade part no. 6250.

## BATTERY AND BATTERY CHARGER

ORDER CODE	MODEL	VOLTAGE	SUPPLY FREQUENCY
15020	BC-100	100 - 240 Vac	50 - 60 Hz
15010		10.8 Vdc NiMH	

## CSB-100-A CAST SAW SYSTEM



ORDER CODE	DESCRIPTION	ORDER CODE
1286774	CSB-100 Saw	1286224
	CB-100 Battery x 2	15010
	BC-100 Charger	15020
	Saw blade	6250
	Hexagon wrench	204903
	Carry case	15030

### CSB-100

The De Soutter Medical CSB-100 saw allows the user total freedom of movement, which is particularly useful for the veterinary profession where the cordless concept is the only practical and affordable solution.



# Vdrive™

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