

## IBEX Electric Drive System

The latest generation in trimming tool technology is the IBEX Electric DC Trimming System and it's set to change the face of the trimming market. The IBEX Electric Trimmer significantly reduces ongoing maintenance costs and improves operator welfare by removing potentially dangerous flex shaft cable vibration and eliminating high voltage motors from the processing floor.

The IBEX Electric System comes with 2 options: the FP Series - a high torque model for stubborn fat removal and the FF Series - a high speed model perfectly suited to bone trimming. Both the FP and FF Series plug in simply to the Electric Drive System and when used in conjunction with IBEX Modular Trimmer Heads, present two significant advantages over alternatives:

### Lower Operating Costs... Guaranteed! \*

With the IBEX Electric System we guarantee a fixed annual price to maintain the trimming systems, for the life of the trimmer.

### Never pay for another Trimmer Drive Cable... Again \*

The IBEX Electric System comes with a lifetime Drive Cable Guarantee. If the Drive Cable wears or breaks - we replace it free, for the life of the trimmer.



## How does the IBEX Electric work?

The system comprises of a low voltage DC motor which is mounted in the hand piece. This ultra small yet extremely powerful motor is the heart of the new drive system, running on low voltage DC power which comes via a local control box with an integrated e-stop, and control panel for added safety. Joining the control box to the hand piece is a lightweight and flexible, variable length electric cable (1.6m and 2.1m). Remotely, a transformer box converts the mains power to low voltage DC. The transformer has the ability to operate up to 3 hand pieces simultaneously, ensuring that the initial capital cost is minimized.

## IBEX Electric Benefits



### Powerful & Easy To Use

- Inbuilt diagnostic system fault finder, for simple maintenance
- Simple lever location adjustment to suit operator preference
- Available in high speed or high torque models to meet individual applications



### Lower Cost of Ownership

- No flex shaft cable or air motors reduce costly ongoing spares
- Minimal use of air (less than 1CFM)
- One transformer box drives multiple hand pieces
- Long life motor minimizes maintenance
- Multiple head compatibility - One hand piece can drive all IBEX Modular Trimmer Heads (35, 52, 69, 90 & 128mm)
- Simple maintenance
- Reduced capital costs



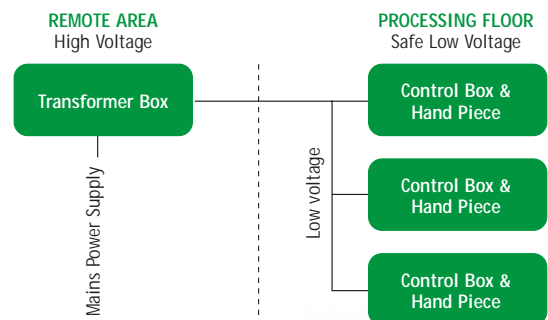
### Flexible and Safe

- Able to run several motors from one transformer box
- Fully Enclosed IP56 control box for easy cleaning
- Safe 26VDC removes high voltage from the processing floor
- Two hand start hand pieces for improved operator safety
- Automatic off when not handling the tool
- Emergency Stop



### Ergonomic

- Direct drive significantly reduces vibration
- Flexible balanced tool
- Left and right hand options
- Available with Thumb Rest and Hand Strap



THE SUPERIOR ALTERNATIVE

[www.ibex.net.nz](http://www.ibex.net.nz)



## FP Electric

The FP Electric is the high torque version of the IBEX Electric Trimming System; designed for the removal of fat and the slicing and recovery of meat. The powerful motor in the FP Series ensures a smooth cutting action through tough, hardened areas of the carcass without stalling.

Created for multi purpose use, the FP Series can be utilized in numerous and differing applications across a wide range of processing industries, offering all the benefits of low maintenance costs, operator safety and flexible uses, without compromising on power.

The FP Electric is the perfect system to help improve your yields.

## FF Electric

The FF Electric is the high speed version of the IBEX Electric Trimming System; built from the same foundations and offering the same benefits as the FP, but specifically designed for bone trimming. The high speed Trimming System slices through meat with ease, making bone trimming both fast and efficient, while significantly reducing operator effort.

The FF Electric is a direct drive tool requiring minimal replacement parts, thus making servicing and maintenance simple and easy to do. The majority of these spare parts are interchangeable between the FP and the FF Electric further reducing the need to carry a number of spare parts.

## Specifications \*

SPEED	4,200 RPM
POWER	.5 kW
AIRFLOW	<1CFM or <35 LPM
OUTPUT VOLTAGE	26VDC



## Specifications \*

SPEED	13,000 RPM
POWER	.5 kW
AIRFLOW	<1CFM or <35 LPM
OUTPUT VOLTAGE	26VDC

## THE SUPERIOR ALTERNATIVE

[www.ibex.net.nz](http://www.ibex.net.nz) | [sales@ibex.net.nz](mailto:sales@ibex.net.nz)

IBEX™ is a trademark of the IBEX Group of Companies

©IBEX Group of Companies 2007

Both the FP and FF utilize the same low voltage DC power system and when used together offer the complete solution to your production line trimming needs. But best of all, the unique design of the IBEX Electric System ensures that the operators experience no cable vibration.

### NEW ZEALAND

3/9 Allens Road  
East Tamaki, Auckland  
PO Box 58-640  
Greenmount, Auckland  
New Zealand  
Tel: +64 9 274 2370  
Fax: +64 9 274 2371

### AUSTRALIA

7B Curban Street, Underwood,  
Brisbane, QLD 4119  
PO Box 803, Springwood  
Brisbane QLD 4127  
Australia  
Tel: +61 7 3341 3700  
Fax: +61 7 3341 3711

### EUROPE

Lakes Road  
Langmere  
Norfolk IP21 4PE  
United Kingdom  
Tel: +44 1379 742 776  
Fax: +44 1379 742 778

### SOUTH AMERICA

Rua Salgado Filho 2588/2636  
Pinhais-PR  
CEP 83320-340  
Brazil  
Tel: +55 41 3669 4520  
Fax: +55 41 3665 8287

