

Spiroll Precast Services Ltd.  
Company Presentation



Tom Goosey – Sales & Marketing Manager

Spiroll Overview

Recent Projects

Why Use Spiroll?

Products & Services

[www.spiroll.co.uk](http://www.spiroll.co.uk)

# COMPANY OVERVIEW

## Ownership

100% owned by the CCL Group

## Turnover

£3 to £4 million

## Sales Activities

150 + Customers

40 x HC Plants in last 12 years

## CCL Group

Experts in Prestressed Concrete  
Engineering





# CUSTOMERS

## Australia

Westkon Precast Concrete Pty. Ltd.  
Delta Corp+

## Barbados

Cementum Inc.\*

## Botswana

HCSME Ltd.\*

## Croatia

Gal-Zagreb\*

## Czech Republic

Topos spol. s.r.o.

## England

Charcon Construction Solutions Ltd.\*  
Floorspan Contracts\*  
Stressline Ltd.\*  
FP McCann

## Ethiopia

Techno Wall Manufacturing PLC\*

## Haiti

Caribbean Construction\*

## Iceland

BM Valla HF\*

## India

Teemage

## Indonesia

Spanbetondek Pt Admara

## Iraq

Al-Fayha Group\*

## Iran

Akam Beton

## Ireland

Acheson & Glover  
Cronin Concrete\*  
Cross Concrete\*  
Emecast Ltd\*  
Wright Concrete Products Ltd.\*

## Israel

Soleh Boneh+

## Italy

General Prefabbricati S.p.A.  
PREFABI S.r.l.

## Ivory Coast

SEG\*

## Kazakhstan

SKC Beton\*

## Mexico

SEPSA

## New Zealand

Stahlton Engineered Concrete

## Nigeria

ITB Nigeria Ltd.\*

## Oman

Cement Gypsum Products Co.

## Pakistan

Izhar Concrete (PVT) Ltd.\*

## Poland

Kon-Bet - Konin\*  
Konbet - Poznan\*  
Prefabet Biale Blota SA  
P.P.H. Posbet

## Portugal

PPB Placas Pavimentos e Betao S.A.\*

## Russia

Buzuluk\*  
DSK Vikon\*  
GBKI  
Grand\*  
JSC Belomortrans\*  
New Gorod\*  
Starko\*  
USK\*  
ZKPD-70\*

## Saudi Arabia

Alsateaa Modern Construction Co.\*  
Ideal Precast  
Saif Noman Said & Partners Company  
Saudi Building Materials\*  
Saudi Oger\*  
Shibh Al Jazirah\*

## South Africa

Coreslab\*

## Ukraine

Fedorchenko\*

**\*We have set up 30 new hollowcore factories  
in 18 different countries in the last 10 years.**

**+Existing Dynacore Customers** [www.spiroll.co.uk](http://www.spiroll.co.uk)



# QUICK HISTORY

**1962**

Extrusion technology invented by Glen C. Booth,  
Spiroll Corporation founded in Winnipeg, Canada.

**1964**

Spiroll International Ltd. – European sales office set-up in London.

**1974**

Spiroll UK production in Derby to support  
Richard Lees' operation at Weston Underwood.

**1982**

Kipp Kelly Ltd. buys out Spiroll Corporation.

**1984**

Spiroll International Ltd. buys manufacturing rights and  
operates Spiroll entirely out of the United Kingdom.

**1986**

International Spiroll Producers Association (ISPA)  
becomes International Extruded Concrete Association (IECA).

**1993**

International Prestressed Hollowcore Association (IPHA)  
formed to include slip forming

**1995**

Spiroll International Ltd. bought by Echo Engineering Ltd. and  
becomes Echo Spiroll Engineering Ltd.

**2001**

Precast Services & CCL Stressing Systems  
buy Spiroll and form Spiroll Precast Services Ltd.

**2003**

Spiroll achieves National Accreditation for its  
Prestressing Training Courses.

**2004**

Spiroll implements extruder development program

**2007**

Spiroll exhibits at Bauma Exhibition

**2008**

Spiroll launches the Universal Extruder

**2014**

CCL Group acquires new 50% share holding in Spiroll  
Spiroll purchases Dynacore Extruder

**2015**

Launch New Extruder



# SPIROLL/CCL

## CCL Group Overview

Established 1935

29 x companies worldwide

Sales 2013 - €70 million

Post Tensioning Systems, Design & Contract



•••  
***spiroll***



# SPIROLL CORE ACTIVITIES

Hollowcore Production Machinery



Stressing Equipment & Accessories



Management, Consultancy & Training



Turnkey Bespoke Projects





# SPIROLL/CCL

Combined Strengths

Turnkey Projects

Design Support

Marketing Support

Financial Support



CCL - UK Manufacture of Stressing Equipment



CCL - International Post Tensioning and Prestressing Equipment





# TYPICAL PROJECTS

SKC Beton – Kazakhstan

5 x 100m Beds

220mm Hollowcore Slabs

Tilting Tables

Prestressed Beams

Batching Plant





# EASTERN EUROPE AND RUSSIA

Kon-bet – Poland

5 x 90 metre production beds

Factory Design

Universal Spiroll Extruder

Full training package in Polish





# MIDDLE EAST MARKETS

Saudi Oger – Jeddah

King Abdullah University of Science & Technology (KAUST)

Temporary factory design

8 x 150 metre production beds

Shear key slab design

Management supervision contract





# MORE THAN JUST HOLLOWCORE

Perstrup – Denmark

2.4m wide SL Deck Project  
Moulds – Hydraulic Sides  
500 Tonne Bespoke Abutments  
500 Tonne Hydraulic Detensioning  
Bespoke Bed Cleaner





# WHY SPIROLL?

50 Years of Know How and Experience

Consultancy, Training and Support

Complete Product Range

Cost Effective

UK Manufacturing

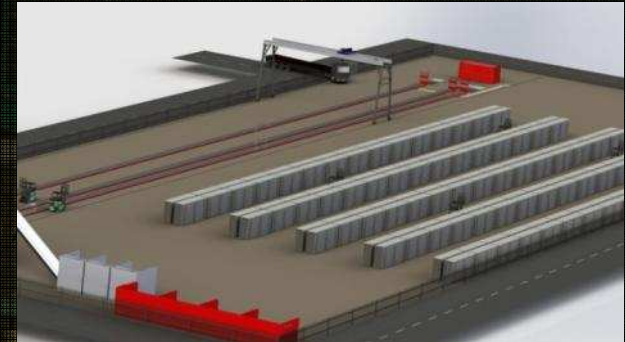
Customer Service and After Sales

Highest Quality End Product

Low Maintenance Costs

Low Material Costs

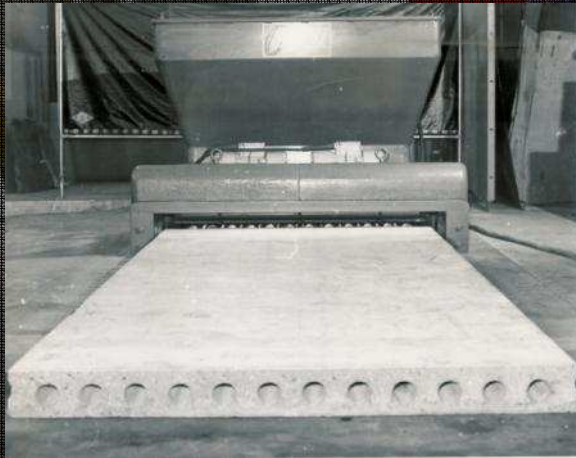
Advanced Machinery Design





# WHY SPIROLL?

Continual Improvement



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# NEW *VORTEX* EXTRUDER

Purchase of Dynacore in 2014

Hybrid of Spiroll and Dynacore Designs

First *Vortex* Extruder - March 2015

Most Advanced Extruder on the Market



Forterra  
Hoveringham, UK



FP McCann  
Derby, UK



Teemage  
India



# The Most Advanced Extruder Yet

## Key Features

Clam Shell Auger Ends - Patented

Dynacore Internal Vibrators Running at up to 12,000rpm

5 Minute Cassette Change with Universal Power Unit

PLC System – Complete Control

Noise Dampening Technology





# WHY SPIROLL?

## Full Product Range



Depths from 150mm to 500mm

Widths from 600mm to 1800mm

Splitter Unit 2 x 600mm wide  
x 150mm deep

Customisable Slab Profiles





# WHY SPIROLL?

## Low Running Costs

Cement Content as Low as 330kg

Efficient Slab Profiles

Minimal Bed Wastage

Quality Control

Low Maintenance Costs

Off the Shelf Spares

Low Labour Costs





# WHY SPIROLL?

## Product

Dense and Well Compacted Concrete

High Prestress Bond – No Strand Slippage

Lightweight

High Load/Span Performance

Excellent Soffit Finish

Control of Camber

Flexible Slab Profiles





# WHY SPIROLL?

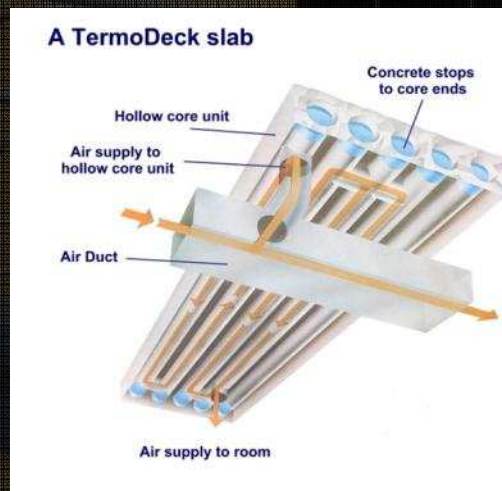
## HC Applications

Wall Panels

Utilising Cores

Termodeck

Retaining Walls





# WHY SPIROLL?

## Commissioning Support and Training

Training - Accredited Stressing Trainers

Commissioning and Management Support

Precast Designs

Product Development Support

QC Support

Associate Member of British Precast  
Concrete Federation (BPCF)

Associate member of International Precast  
Hollowcore Association (IPHA)





# SPIROLLCAD<sup>2</sup> SOFTWARE

AutoCAD Based

EC and BS Codes

Design and Calculation

Floor Layout

Production Planning

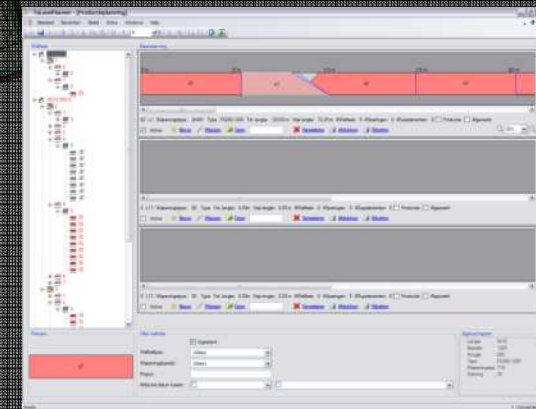
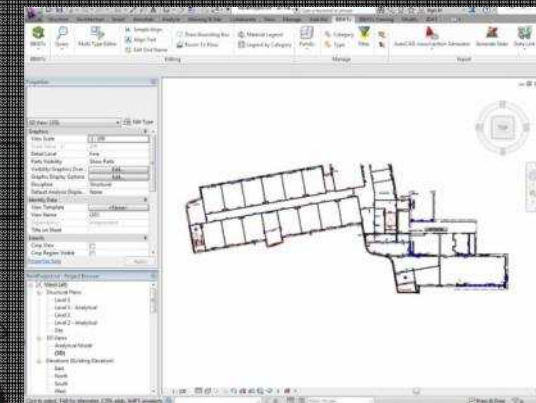
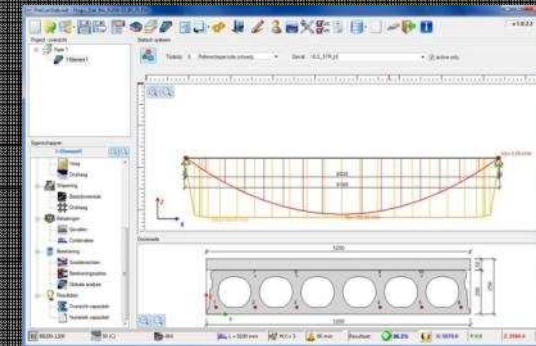
Yard/Stock Planning

Rental or Purchase

Modular Options

Links to Finance/Admin/CRM

Integrate with BIM





# Production Accessories

## Stressing Equipment

### Pumps



### Jacks



## Lifting Equipment



## Rapidcut



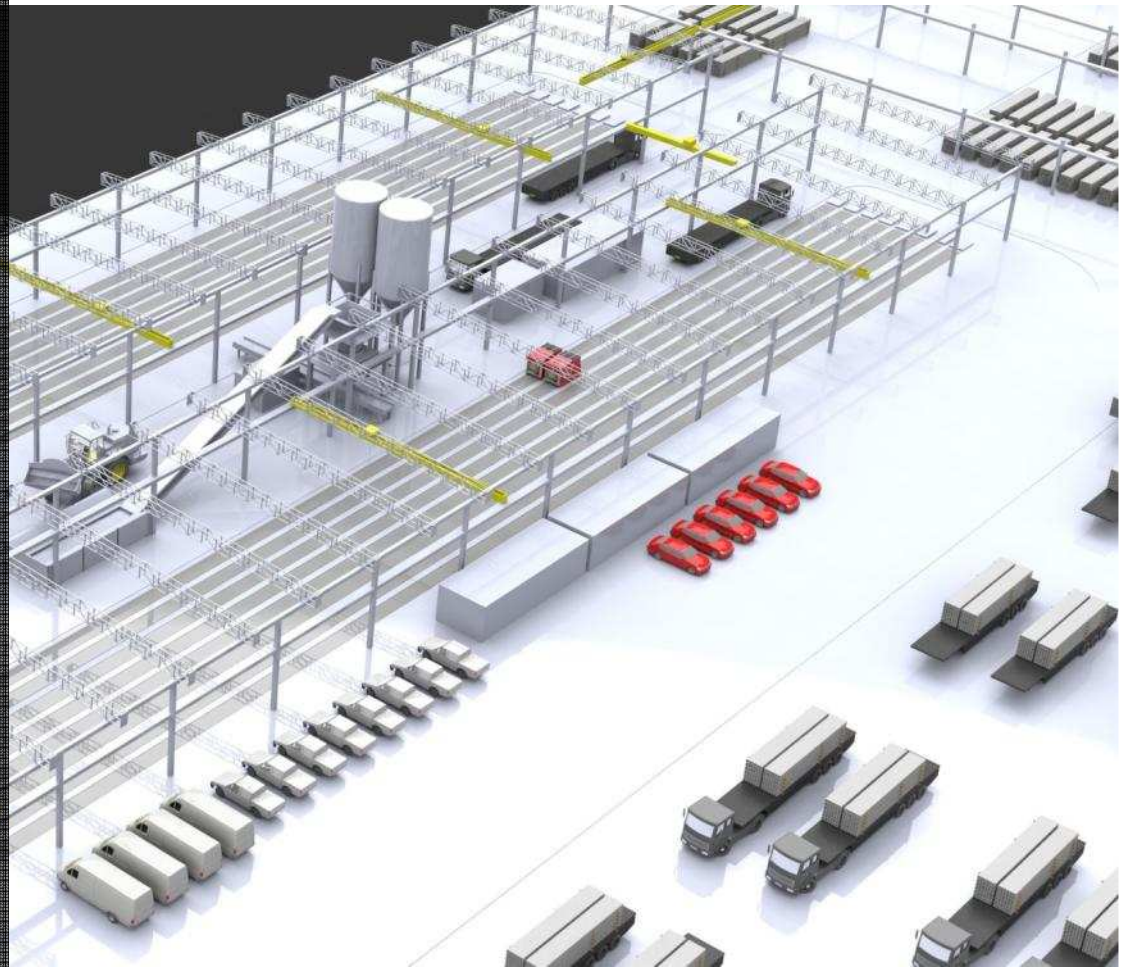


# CONSULTANCY

## Feasibility Studies

Project Appraisal  
Capital Costs  
Volumes  
Depths  
Material Costs  
Labour Costs  
Running Cost  
Management Costs  
Machinery  
Civils  
Installation  
Commissioning  
Market Rate  
ROI

Factory Design  
Management Support  
Project Management





For further information  
please visit our website:

[www.spiroll.co.uk](http://www.spiroll.co.uk)

