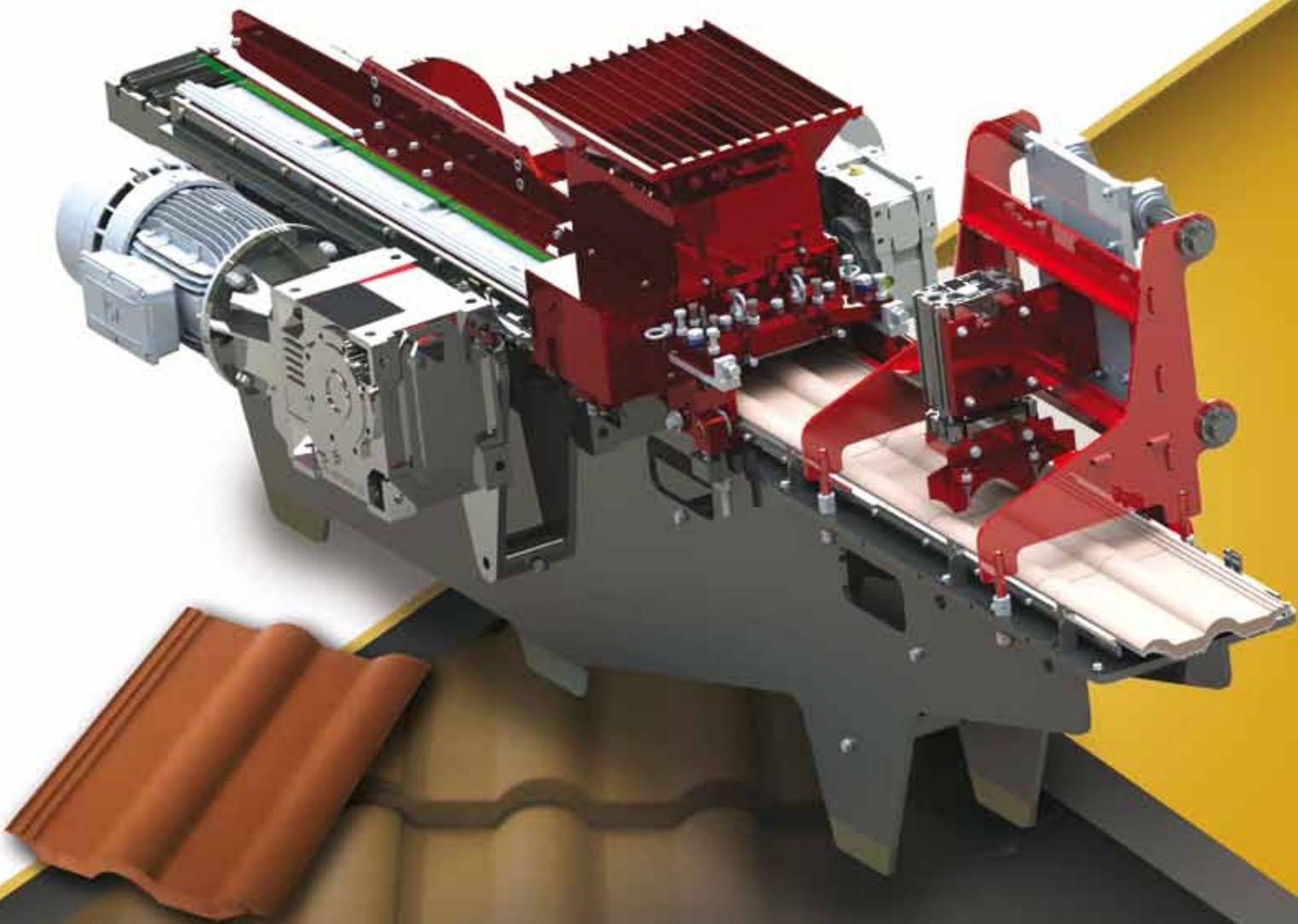


**CREATE YOUR
NEW BUSINESS
WITH US**

UNO
system

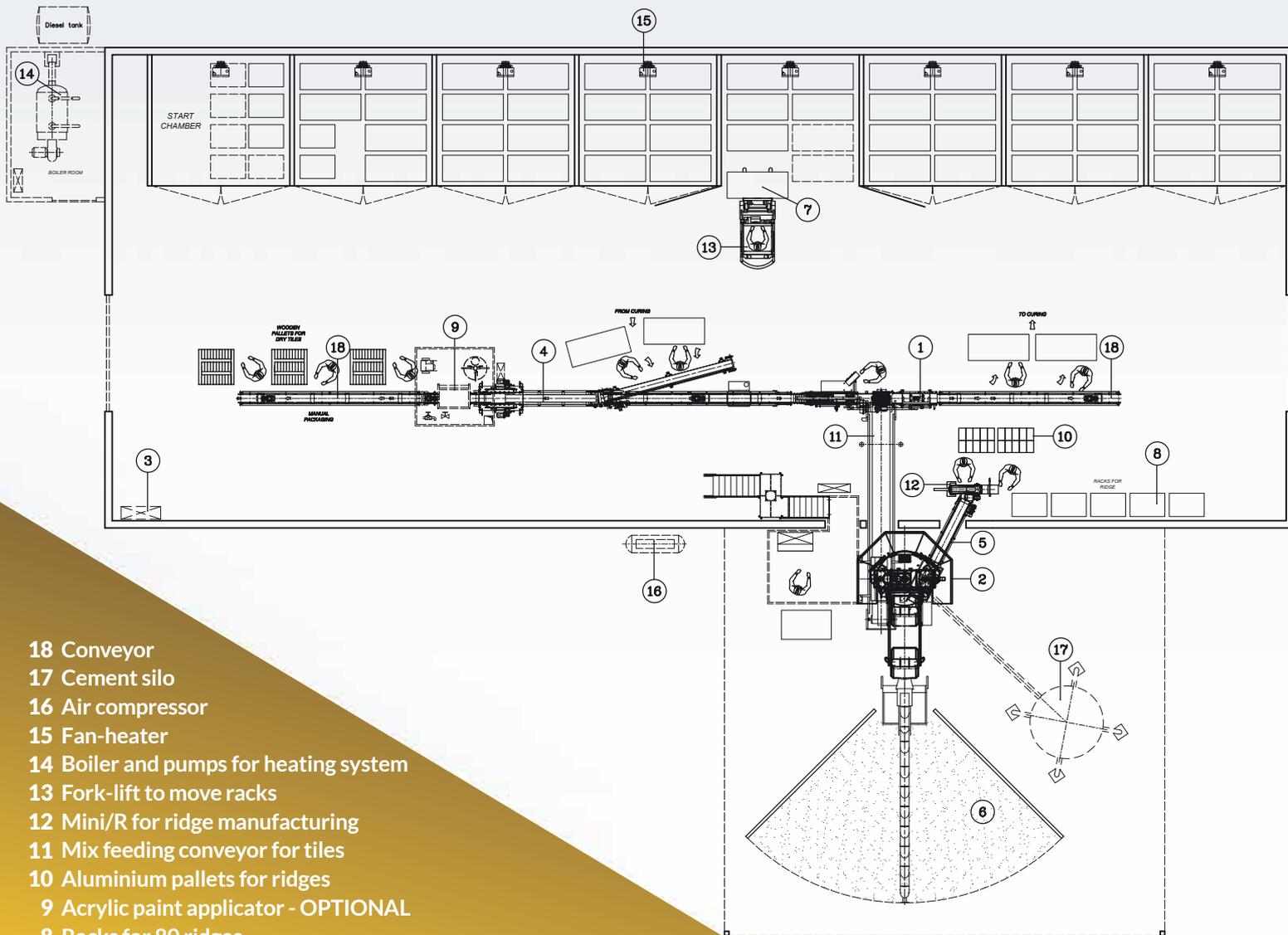


Quality concrete roof tiles
for **beautiful housing**

UNO 30C

for coloured **concrete ROOF & FLOOR** tile manufacture





- 18 Conveyor
- 17 Cement silo
- 16 Air compressor
- 15 Fan-heater
- 14 Boiler and pumps for heating system
- 13 Fork-lift to move racks
- 12 Mini/R for ridge manufacturing
- 11 Mix feeding conveyor for tiles
- 10 Aluminium pallets for ridges
- 9 Acrylic paint applicator - OPTIONAL
- 8 Racks for 80 ridges
- 7 Racks for 300 tiles
- 6 Sand
- 5 Mix feeding conveyor for ridges
- 4 Transport line, depalleting and oiling device
- 3 Main distribution board in the building
- 2 Automatic mixer with pivoting sand scrapper
- 1 Extruder UNO 30C



UNO 30C

**TYPICAL
LAYOUT**

**YOUR NEW
BUSINESS
STARTS HERE...**

MAKE YOUR
CHOICE



UNO 5

- This is a Vortex Entry Level plant consisting of a robustly constructed machine that ensures the production of high quality concrete roof tiles. The aluminum pallets, previously separated from the dry tiles, are oiled and manually placed into the tile machine whereupon they are pushed from their rear end back through the extrusion box.
- All mechanisms are manually controlled including the hydraulic pallet pushing cylinder. A simple mixer provides the concrete that has to be produced to a high quality.
- It is a "multi-profile" machine –different tile types can be produced by it, simply by changing the extrusion head and the aluminum pallets to suit the different tile profile. Different facial tile types can also be produced on the machine.

features

MAXIMUM OUTPUT	5 tiles/minute
MINIMUM BUILDING SIZE	14 m x 12 m x 5 m high
INSTALLED POWER	~ 12 kW (mixer included)
PRODUCTION	2,000 tiles per shift

UNO 10

- The UNO 10 is an ideal solution for any organisation or entrepreneur that wants to start a new project and at the same time test the market-place using minimal capital investment.
- The semiautomatic production cycle is such that new tiles are formed on the top surface of aluminium pallets that are pushed by a hydraulic cylinder through the extruder machine. On exiting the machine the tiles are cut to length by a knife unit.
- Upgrade to conveyor line and semi-automatic mixer is possible to increase the capacity and level of automation of the line.

features

MAXIMUM OUTPUT	10 tiles/minute
MINIMUM BUILDING SIZE	16 m x 20 m x 5 m high
INSTALLED POWER	~ 26 kW (mixer included)
PRODUCTION	4,000 tiles per shift

UNO 20

- The UNO 20 has an automatic manufacturing cycle.
- This plant is an 'inline' operation that consists of a depalleter, pallet feed conveyor, pallet oiler and the tile extruder machine.
- The 'heart' of the system is an UNO 10 machine that now incorporates an alternating higher speed automated hydraulic underside pallet pushing mechanism.
- PLC control system.

features

MAXIMUM OUTPUT	20 tiles/minute
MINIMUM BUILDING SIZE	16 m x 30 m x 5 m high
INSTALLED POWER	~ 37 kW (mixer included)
PRODUCTION	8,000 tiles per shift

UNO 30C

- The UNO 30C is the NEW highest capacity plant in the VORTEX UNO range of systems. It is a robust system with a continuous propulsion unit.
- The UNO 30C extruder machine operates within an automated manufacturing line that incorporates a depalleter, pallet feed conveyor, pallet oiler.
- The advantage of this system is that the flow of concrete is a continuous one, with benefits in terms of quality and efficiency.
- The "inline" configuration can be upgraded to a fully automatic one with a complete conveyor loop.
- PLC control system.

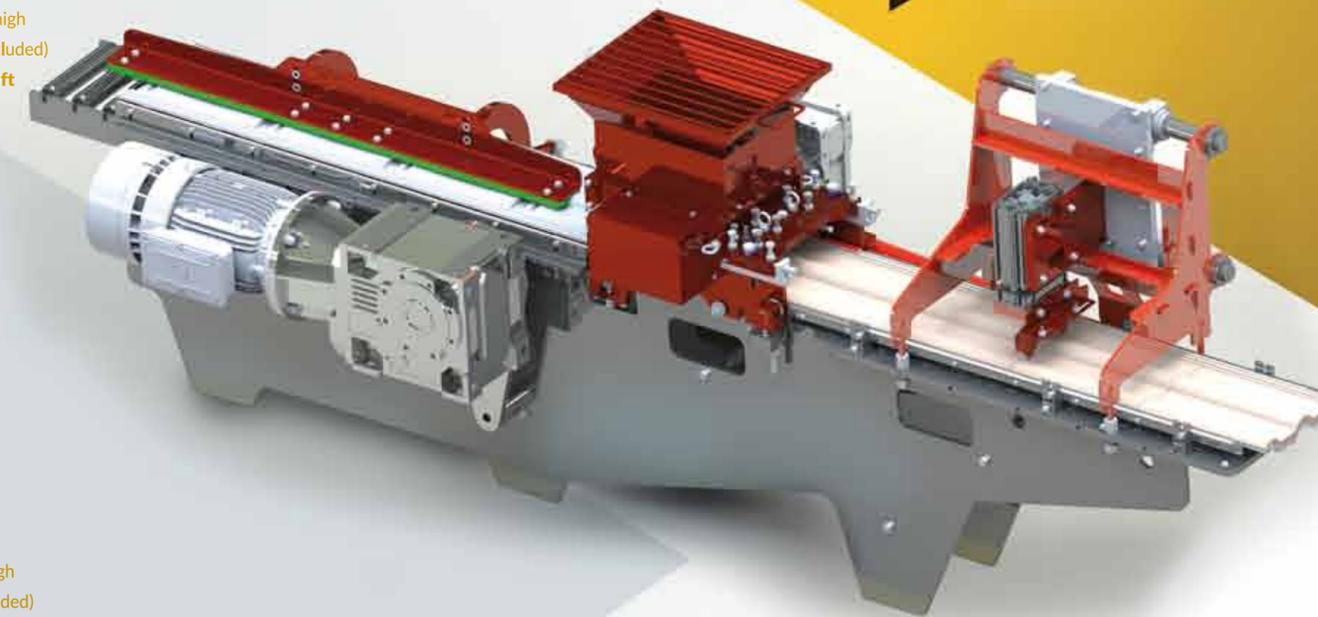
IDEAL FOR EFFICIENCY CONSCIOUS COMPANIES FOR
USE IN HIGHLY-AUTOMATED FACTORIES

features

MAXIMUM OUTPUT	30 tiles/minute
MINIMUM BUILDING SIZE	16 m x 40 m x 5 m high
INSTALLED POWER	~ 50 kW (mixer included)
PRODUCTION	12,000 tiles per shift



uno
system





Innovation and engineering
for sustainability and success



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