contact@rapidinternational.com
www.rapidinternational.com
T: +44 (0)28 38 840671

Mixing Technology
Experts

About us

Our story begins in 1969, in Northern Ireland. It was here that co-founders, Jim Lappin and Bertie Pickering, began manufacturing agricultural equipment in a humble domestic garage and Craigavon Engineering (now Rapid) was born. A lot has changed over the last fifty years, but our commitment to producing the highest quality equipment has not. Today, still family owned and operated, Rapid International is a leading mixing technology manufacturer to the global concrete, paving, construction, environmental and recycling industries.

With over 1000 installations and an established dealer network, we're perfectly positioned to meet your mixing technology requirements.

Rapid's innovative product portfolio includes:

- Mobile Continuous Mixing Plant/ Pugmills (wheel/track mounted)
- Mobile Concrete Batching Plant
- Pan, Planetary & Twin Shaft Concrete Mixers
- Specialised Mobile Continuous Mixing Plant
- Mobile/Fixed/Custom/Compact Batching Plants
- High Pressure Mixer Washout Systems
- Silos
- Spare Parts

Craigavon Engineering Ltd.

1969

1983

RAPID INTERNATIONAL LTD

1983

2013

rapid

The Rapid Difference

We take pride in our design and manufacturing process. Everything is designed and produced in-house, offering superior quality and control.

Green energy powered

We take our environmental responsibility seriously. Our facility is powered by eco electric using our own 670 HP wind turbine.

Smart sourcing

We only use components of the highest quality, all of which are sourced from internationally recognised brands. This ensures we have a strong network of distributors throughout the world reducing lead times and offering superior customer support.

Lean manufacturing

Each machine is produced in our 65,000 sq ft purpose built factory. We invest heavily in our manufacturing capabilities and have the latest equipment, including a £1m paint booth and shot blasting room. We incorporate lean manufacturing methodologies through our entire design and production process.

In-house design

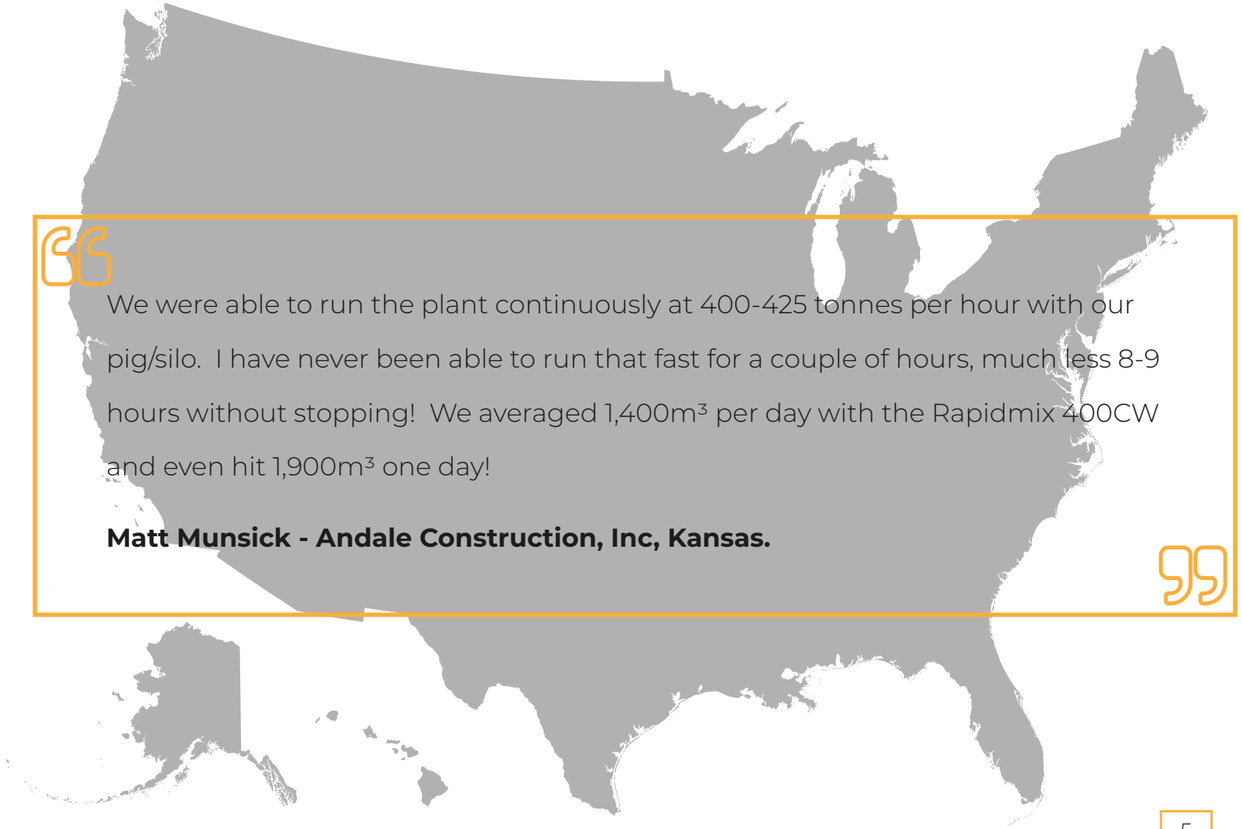
All Rapid products are designed by our in-house team of highly qualified engineers, using the latest 3D design.

In-house spare parts

We carry a large inventory of all our Rapid genuine spare parts. In order to reduce plant down time Rapid can offer a same day dispatch on most items.

After sales service

With a Service and Support team of highly qualified technical operatives and service engineers, Rapid will ensure that all your after sales requirements are met with total professionalism and quality.



> We were able to run the plant continuously at 400-425 tonnes per hour with our pig/silo. I have never been able to run that fast for a couple of hours, much less 8-9 hours without stopping! We averaged 1,400m³ per day with the Rapidmix 400CW and even hit 1,900m³ one day!
>
> **Matt Munsick - Andale Construction, Inc, Kansas.**

Our Products

Mobile Continuous Mixing

Rapid's range of fully self-contained, mobile continuous mixing plant includes both track and wheel mounted options. Offering outputs from 150 to 600 tonnes per hour. Volumetric and fully weighed options available.

Mobile Concrete Batching

Rapid offers both compact and super-sized mobile batching plant options, with outputs ranging from 40m³ to 120 m³ per hour. Totally self-contained, Rapid mobile batching plants offering fast set up and single road towable options.

Containerised Batch Plants

Compact and easily transportable, Rapid's range of containerised batch plants offer outputs of up to 70m³ per hour. Featuring a powerful Rapid twin shaft mixer, Rapid containerised batch plants offer full weighing of all materials.

Concrete Mixers

The heart of any plant, Rapid's range of concrete mixers includes pan, planetary and twin-shaft options, with outputs from 0.375m³ to 4.5m³. All mixers feature durable chill cast tiles, heavy duty gearboxes and easy maintenance/cleaning access, as standard.

Our Products

Pugmill Module

Rapid's pugmill module features a flexible modular design, offering a totally customisable configuration. The onboard dragout conveyor Offering outputs of up to 400 tonnes per hour, the pugmill module is ideal for a wide range of applications, including sandpits.

Rapid Truck Mixers

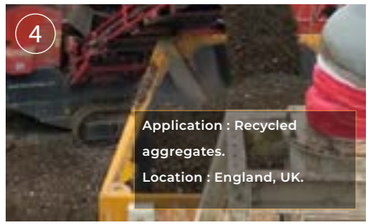
Rapid Truck Mixers are suppliers of premium lightweight truck mixers. Using only the highest quality corrosive-resistant steel, Rapid truck mixers are ideal for both high and low slump concretes. A wide range of sizes and models are available from 4m³ to 11m³. Trailer units also available.

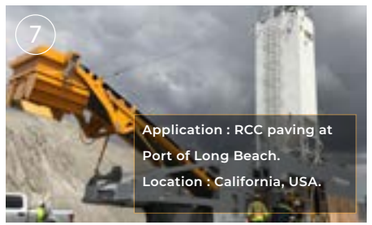
Our Applications

Our mixing technology is designed to handle the most complex and challenging applications. We collaborate closely with our customers to develop solutions for their unique requirements.

You don't have to look too far to find your nearest Rapid machine. You'll find our machinery working on everything from RCC projects in Florida, to contaminated land treatment in China. Some examples of the applications we've provided machinery for are:

- Roller Compacted Concrete
- CBM/HBM
- Soil Stabilisation
- Tunnel Uprisings
- Mine Backfill
- Soil Clay/Chalky Clay
- Bottom Ash/ Fly Ash
- Marine Dredging
- Lime Stabilisation
- Ready Mixed Concrete
- Road Building
- Footpaths/Pavements
- Wind Farm Bases
- Warehouse Flooring
- Concrete Paving
- Bentonite Land Fill Sealing
- Airport Runways.
- Environmental Remediation.
- Dam Construction.
- Paving Quality Concrete.
- Soil Cement.
- Coldmix - Foamed Bitumen/ Bitumen Emulsion.
- Housing Developments
- Commercial Yards
- Car Parks





Testimonials

We are always on the lookout for new technology. If there is a better way of doing things, we want to be the first on the market to offer this solution to our clients. It's simple, with Rapid we get a job done faster and cheaper than our competitors. Mixing weak soils with binders for reuse on-site provide cost savings compared to traditional aggregates and muckaway method. Our experience with the Rapid Trakmix 250 has been very positive so far. We are currently processing boulder clay material. We may not be getting 250TPH, because it's a difficult material to work with as it needs screening prior to treatment, but it still saves us time on the programme.

Customer: Michael English – Shannon Valley Group, UK. Product: Trakmix 250

"With the increase in use of cementitious materials such as roller compacted concrete the new Rapidmix from Rapid International was the ideal choice for CEMEX UK. The machine offers CEMEX UK multiple benefits including low operating costs, excellent mobility and high outputs to meet the challenging demands of today's projects. The addition of the Rapidmix 400CW will undoubtedly help CEMEX deliver best value to all our clients." Customer: James Playford - CEMEX Paving Solutions, UK. Product: Rapidmix 400CW

"We aim to collaborate with partners that hold the expertise of their industry, have ability to cooperate and understand the needs of customers together with having the mentality of building long-term relationships with its partners. This is how we see Rapid and would recommend them for any enterprise that share these values with us." Customer: Leevi Grönlund – Kymppibetoni, Finland. Product: Rapidbatch 120 mobile batching plant.

"Rapid were excellent, they were very proactive, worked very safely, were very much on the ball and completed the work in a very timely manner. Rapid were certainly very responsive to any questions we had, both during the design and implementation phases of the project." Customer: Rob Fifer – Stanton Bonna, UK. Product: Custom Batching Plant.

RAPID INTERNATIONAL LTD
96 Mullavilly Road,
Tandragee,
County Armagh.
BT62 2LX
United Kingdom

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E: contact@rapidinternational.com
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