A NOTE FROM THE PRESIDENT

Quickmill turns 30

PRODUCT RELEASE
Quickmill releases their new triple spindle machine

STOCK MACHINE PROGRAM
In stock machines

R&D @ QUICKMILL
Current developments in the Quickmill R&D department

TOOLING & APPLICATIONS
Introducing our new Tooling and Applications Specialist

CUSTOMER PROFILE
Cembell Industries

SHOP FLOOR
Current and recent builds on Quickmill’s factory floor

A NOTE FROM THE PRESIDENT

30 Years and Counting

When Dave Piggott, founder of Quickmill, embarked on his journey in the machine tool world, little did he know what effect it would have on so many industries around the world.

Now over 30 years later it continues to be an incredible journey for our company. We have been so fortunate to have such a loyal following of customers that we work hard for each and every day to keep our partnership intact.

We have had our share of challenges along the way but we have never, and will never, walk away from any situation, we solve it the best possible manner for all. I think this is a key to Quickmill success.

Quickmill has continued to invest in innovation and projects worldwide and has partnered with some of the biggest companies in the world in Aerospace, Off-Road, Power, Oil & Gas, Automotive and many other industries.

We continue to strive each and every day to bring new products to market, explore new ideas in our key sectors as well as venture into new sectors and markets.

Quickmill has many ideas for the future and is looking at every avenue to continue our success now and in the coming years.

- Gord Buchholz
President & CEO
**PRODUCT RELEASE**

**The Triple Threat**

Quickmill is pleased to announce our latest product, the Quickdrill III. Quickmill is renowned for raising the bar in the heat transfer industry; with superior performance and faster production times being boasted by our customers for decades. Now it's time to raise the bar again. Introducing the Quickdrill III, the triple spindle drilling machine that is revolutionizing the heat transfer industry.

With the ability to finish parts three times faster than the competition, the Quickdrill III will eliminate all drilling bottlenecks and drastically decrease your finished product completion time. The standard triple spindle, Quickcode III processing software, high pressure coolant system and rigid gantry design all add up to a game changing machine that will significantly set you apart from your competition.

**Quickdrill III Features**
- 60 hp (45 kW) 3,000 rpm Geared Triple Spindle
- Quickcode III Software
- Fanuc 31i Controls
- Standard Full Enclosure
- 22” (559 mm) Z Axis Stroke
- High Pressure Coolant - 48 gpm (182 L/min) @ 1000 psi (69 bar)
- Dual Mist Collection Units
- Available in a range of standard sizes

**STOCK MACHINE PROGRAM**

Quickmill implements a stock machine build program where we continuously have machines in production for quick deliveries to our customers.

**Current Machines in Stock**
Intimidator 120-120-24

**Specifications**
- Y Axis Travel–120” (3048mm)
- X Axis Travel–125.5” (3187mm)
- Z Axis Travel – 30” (762mm)
- Gap - 24” (610mm)

**Contact Quickmill today for a quote**
Phone: 1-800-295-0509 or +1-705-745-2961
Email: info@quickmill.com
New to the Team

Quickmill is pleased to introduce the newest member to our Tooling and Applications team, Justin Thornhill. Justin joined Quickmill in 2015 as our new Tooling and Applications Specialist. Justin’s passion for machining and manufacturing led him to obtaining his Mechanical Engineering Technician designation. From there he has been working in various production environments, gaining experience in CNC programming, mechanical design and production planning over the past 5 years. With his experience in production environments and natural inclination to problem solve, Justin is here to help you with any of your machining applications.

When asked what he will bring to this role as our new Tooling and Applications Specialist, Justin replied “I look forward to partnering with our customers applying a broad lens approach to production issues. Making sure we look at all elements of your process will allow us to maximize productivity and machine utilization.”

Justin’s Tooling Tip

Know the capabilities and limits of the tools that are in your toolbox – they might surprise you. For example, many indexable carbide drills can be offset from center to perform boring operations.

Contact our Tooling & Applications department today for all your tooling and application needs.

Phone: 1-800-295-0509 or +1-705-745-2961
Email: tooling@quickmill.com
Cembell Industries
Delivering Quality, On Time, Every Time

Ask any business what their goals are and growth is almost guaranteed to be mentioned 10 out of 10 times. Growth isn’t something Cembell Industries just talks about, they have been a shining example of what it means to grow a business since 1980. What started as a small shop to service ASME Code work in Chalmette, Louisiana, has grown into a major player in the heat exchanger and pressure vessel fabricating industry. Today Cembell employs over 220 people and has over 170,000 square feet of facility over two separate locations, in Chalmette and Montz, Louisiana. Two paramount factors that have allowed Cembell to continue to grow over the years have been quality and delivery. The ability to deliver their products to exact specifications within critical deadlines has kept Cembell customers coming back for more.

With a need to increase productivity in their tube sheet and baffle stack production, in 2013 Cembell made the decision to upgrade their drilling capabilities with a new machining center. After careful consideration, the Intimidator 120-120-24 from Quickmill was chosen to help speed up Cembell’s tube sheet and baffle stack production. What made the Intimidator 120-120-24 machining center stand out besides its reputation as a drilling powerhouse in the heat exchanger industry was the rigid gantry design, easy to load table and overall performance.

When you are in the business of heat exchangers, size most definitely matters. As Chris Kelly, one of Cembell’s two Machine Shop Foremen, explains, Cembell specializes in extreme sized heat exchangers and pressure vessels. The average tube sheet at Cembell would typically be six to eight feet in diameter at six inches thick, but it certainly is not out of the question for 10 foot and over exchangers to come out of the plant. This was an important factor in choosing the right machine to take over tube sheet and baffle stack drilling in the machine shop. Since the table of the Intimidator 120-120-24 allows

Mr. Kelly likens the machines to a Ferrari or Indy Car

Don’t next page
is lessened, leaving more time to drill and machine parts.

With heat exchanger production continuing to climb it was decided in early 2014 that a second Intimidator 120-120-24 was necessary to keep up with demand. Now the two Intimidator

‘compared to the previous machines, in regards to tube sheet and baffle drilling, production has better than doubled’

120-120-24 machining centers sit side by side, running nonstop working with materials such as carbon steel, stainless steels, cladded and explosion bonded materials, as well as exotic materials including Inconel and Hastelloy. Primary operations include drilling tube holes, drilling and tapping bolt holes, circular interpolating weld bevels, end milling partition grooves and many other operations Mr. Vollenweider and Mr. Kelly throw at the two Intimidators.

When asked what kind of performance increases were seen since installing the Intimidators, Mr. Kelly states that compared to the previous machines, in regards to tube sheet and baffle drilling, production has better than doubled. Asked to give his overall impression of the Intimidators, Mr. Kelly likens the machines to a Ferrari or Indy Car; the level of precision and rate at which you can push them, along with the modern, rigid design, sets them apart from other machines.

With the high level of commitment to quality and service Cembell Industries shows their customers every day and the commitment to constantly improve on processes and capabilities, Cembell will continue to lead in the heat transfer industry for years to come.
SHOP FLOOR

Currently in Production on the Quickmill Factory Floor

Machine: Annihilator
Size: 168-180-30
Industry: Aerospace
Country: USA

Machine: Annihilator
Size: 120-252-30
Industry: Heat Transfer
Country: Bahrain

Also: Annihilator 48-467-30, Transportation Industry, USA
Three (3) Intimidator 120-120-24 for stock

RECENTLY SHIPPED MACHINES

Machine: Annihilator
Size: 120-180-30
Industry: Automotive Molds
Country: USA

Machine: Annihilator
Size: 96-96-30
Industry: Flange
Country: USA

Machine: Intimidator
Size: 120-120-24
Industry: Heat Transfer
Country: Saudi Arabia

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