

MACTECH

LDFM LARGE DIAMETER FACING MACHINE

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PRODUCT DESCRIPTION

The Mactech LDFM is designed for precision single point tooling and rotary milling of large diameter flanges. The central rotary hub can be adjusted independently of the mounting legs to provide a flatter more accurate surface. A rigid tubular beam design reduces vibration allowing the LDFM to produce a bright polish with clean grooves. The segmented leg design allows for flexibility in the range of interior diameters the LDFM can be mounted within. With these available options and its adaptability make the LDFM ideal for the most complicated of facing projects.

PART# 605-6740 • LDFM Ø205" MILLING PACKAGE

PART# 605-6875 • LDFM Ø224" SINGLE POINT PACKAGE

PART# 605-6871 • LDFM MILLING & SINGLE POINT PACKAGE

FEATURES

- ADJUSTABLE ROTARY HUB INDEPENDENT OF MOUNTING
- MILLING AND SINGLE POINT TOOLING OPTIONS
- EXTREMELY RIGID TUBULAR BEAMS FOR REDUCED VIBRATION

MILLING



SINGLE POINT



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WORK HARD

WORK SAFE

WE BEFORE ME

WELCOME CHALLENGES

WOW THEM

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TECHNICAL DIMENSIONS

| | |
|-------------------------------------|--|
| Interior Mounting Diameter | MIN: 55" - MAX: 185" / MIN: 1397mm - MAX: 4699mm |
| Cutting Range: Milling | MIN: 55" - MAX: 205" / MIN: 1397mm - MAX: 5207mm |
| w/ Extension Bracket | MIN: 55" - MAX: 229" / MIN: 1397mm - MAX: 5816mm |
| Cutting Range: Single Point Tooling | MIN: 55" - MAX: 204" / MIN: 1397mm - MAX: 5182mm |
| w/ Extension Bracket | MIN: 55" - MAX: 224" / MIN: 1397mm - MAX: 5689mm |
| Head Travel | X-Axis: 59.5" / 511mm - Z-Axis: 7" / 177mm |

WEIGHTS

WEIGHT

SHIPPING CRATE DIMENSIONS

| | | |
|-------------|---|----------------------|
| Central Hub | 3500lbs / 1587kg | 4100lbs 50"x50"x44" |
| Beams (2) | 2000lbs / 907kg (1000lbs / 453kg ea.) | 3035lbs 123"x48"x26" |
| Legs (All) | 2000lbs / 907kg (combined leg segments) | 2585lbs 78"x33"x35" |

DRIVE MOTOR AND POWER DETAILS

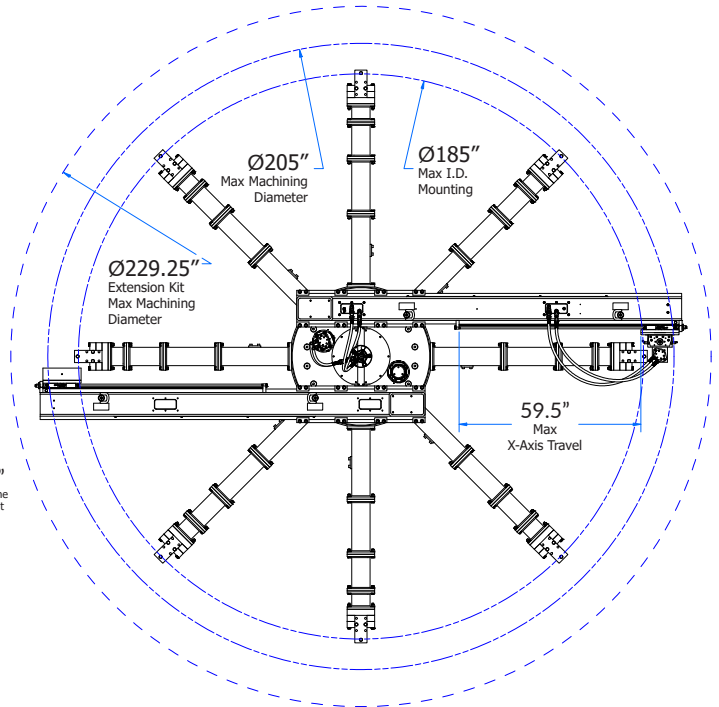
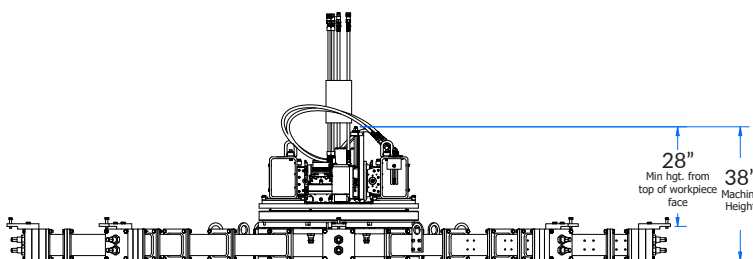
DRIVE MOTOR

RPM

POWER REQUIREMENT

| | | | |
|-----------------------------------|--|----------------------------------|-------------------------|
| Milling Package Hub Motor | 5.9 in ³ Hydraulic Drive Motor | .03rpm @ 15gpm | 16-20 gpm @ 1800 psi |
| Milling Package Spindle Motor | 3.6 in ³ Hydraulic drive motor | 0-660rpm @ 15gpm | |
| Single Point Package Hub Motor | 22.8 in ³ Hydraulic Drive Motor | 4.3rpm @ 15gpm | 16-20 gpm @ 1800 psi |
| Single Point Package Air Feed Box | Adjustable Air Tripper | .003" - .02" Feed Per Revolution | 90 psi |

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All dimensions are for reference and may be subject to change without notice. Machine performance is subject to application and operator capability; please discuss your requirements directly with a Mactech sales representative. All information given and all sales made by Mactech Inc. are subject to their terms and conditions.

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