

# 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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## 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

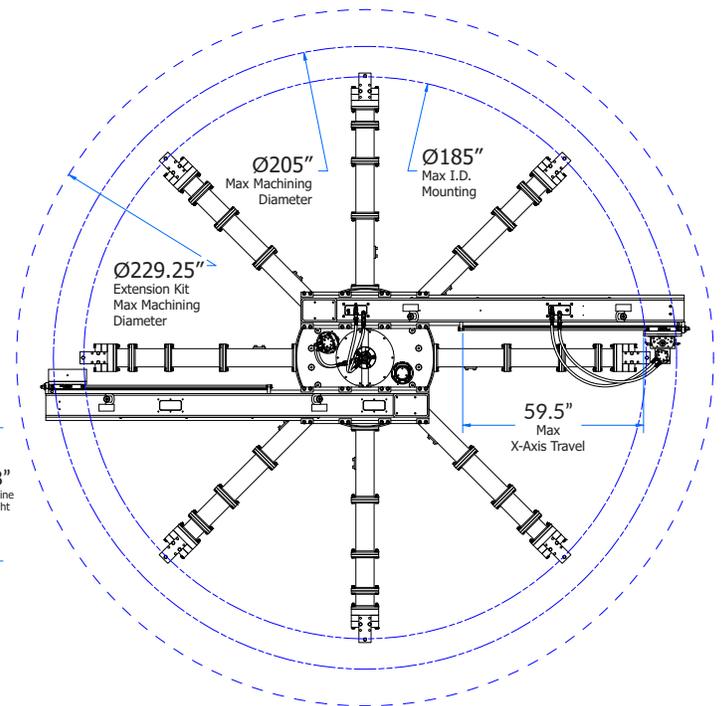
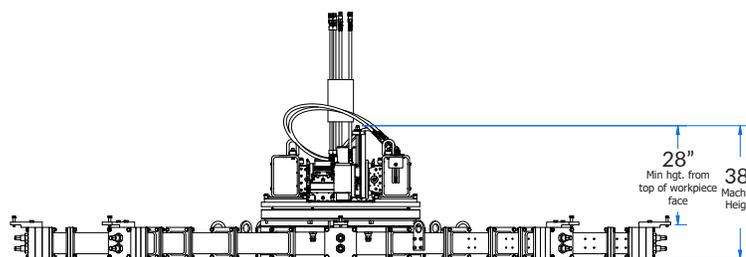
## DRIVE MOTOR

## RPM

## POWER REQUIREMENT

Milling Package Hub Motor	5.9 in <sup>3</sup> Hydraulic Drive Motor	.03rpm @ 15gpm	16-20 gpm @ 1800 psi
Milling Package Spindle Motor	3.6 in <sup>3</sup> Hydraulic drive motor	0-660rpm @ 15gpm	
Single Point Package Hub Motor	22.8 in <sup>3</sup> 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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