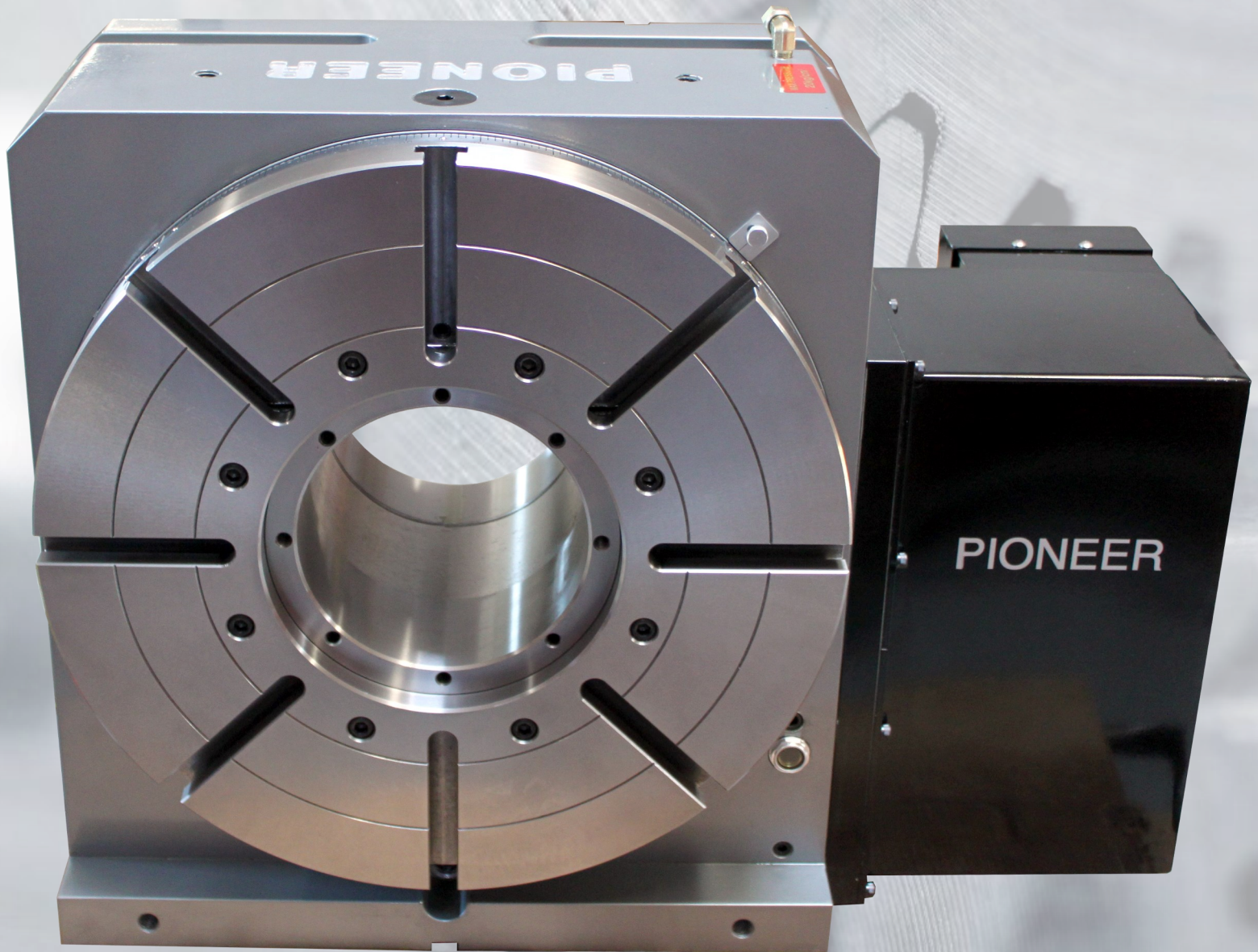


INDEXER PACKAGES 2023



INDEXER PACKAGES



Combination of case hardened special alloy screw and special high tensile strength brass worm wheel ensures exceptional wear resistant and long durability.

Dual lead worm screw for easy backlash adjustment.

Large diameter worm wheel for extra rigidity, smoothness and torque transfer efficiency.

Double bearing design and solid one piece face plate & spindle for extra rigidity.

Large thru hole standard on most face plate sizes.

Also Available as:

- Integrated 4th Axis
- Left Hand configurations
- Super high resolution with optional rotary scale

Pricing subject to change without notice.

Contact your local Pioneer Distributor for options and availability.

AX4-171R-IDX Indexer Package—\$10,990

- 6" Indexing Table Kit w/ Controller & Cable Set with power, feedback & M-signal
- Pneumatic : 181 ft/lbs Brake Torque @ 72psi

AX4-200R-IDX Indexer Package—\$11,490

- 8" Indexing Table Kit w/ Controller & Cable Set with power, feedback & M-signal
- Pneumatic : 181 ft/lbs Brake Torque @ 72psi

AX4-250R-IDX Indexer Package—\$14,490

- 10" Indexing Table Kit w/ Controller & Cable Set with power, feedback & M-signal
- Pneumatic : 340 ft/lbs Brake Torque @ 72psi

AX4-320R-IDX-B Indexer Package—\$19,290

- 12" Indexing Table Kit w/ Controller & Cable Set with power, feedback & M-signal
- Hydraulic : 1026 ft/lbs Brake Torque—Booster Included

AX4-400R-IDX-B Indexer Package—\$23,790

- 16" Indexing Table Kit w/ Controller & Cable Set with power, feedback & M-signal
- Hydraulic : 1330 ft/lbs Brake Torque—Booster Included

AX4-500R-IDX-B Indexer Package—\$35,490

- 20" Indexing Table Kit w/ Controller & Cable Set with power, feedback & M-signal
- Hydraulic : 1807 ft/lbs Brake Torque—Booster Included

AX4-630R-IDX-B Indexer Package—\$56,490

- 25" Indexing Table Kit w/ Controller & Cable Set with power, feedback & M-signal
- Hydraulic : 5060 ft/lbs Brake Torque—Booster Included

TABLE DATA

Information to help in your selection process.

For complete information please see the Pioneer Work Holding Catalog 2020 or our web site @ www.PioneerNA.com.



	AX4-171R	AX4-200R	AX4-250R	AX4-320R	AX4-400R	AX4-500R	AX4-630R
Size	6"	8"	10"	12"	16"	20"	25"
Table Diameter (mm)	6.69 (170)	7.87 (200)	9.84 (250)	12.60 (320)	15.75 (400)	19.68 (500)	24.80 (630)
Center Height (mm)	6.30 (160)	6.30 (160)	7.28 (185)	8.27 (210)	9.87 (250)	12.20 (310)	15.75 (400)
Center Hole H7 (mm)	1.38 (35)	1.38 (35)	2.76 (70)	4.33 (110)	5.91 (150)	7.09 (180)	10.00 (254)
Gear Ratio (Max RPM)	1:90 (22.2)	1:90 (22.2)	1:90 (22.2)	1:90 (22.2)	1:90 (22.2)	1:180 (11.1)	1:180 (11.1)
Accuracy in Seconds	± 12.5	± 12.5	± 10	± 10	± 7.5	± 7.5	± 7.5
Net Weight LBS (kg)	155 (70)	185 (84)	275 (124)	463 (210)	616 (280)	836 (380)	1,892 (860)
Brake System	Air	Air	Air	Hyd	Hyd	Hyd	Hyd
Brake Torque ft/lbs(Nm)	180 (245)	180 (245)	340 (461)	1,026 (696)	1,330 (1,803)	1,807 (2,450)	5,060 (6,860)
Max work weight Vertical lbs (kg)	165 (75)	220 (110)	275 (125)	330 (150)	660 (300)	770 (350)	880 (400)
Max work weight Horizontal lbs (kg)	330 (150)	440 (200)	660 (300)	770 (350)	1,100 (500)	1,320 (600)	1,760 (800)

EZX CONTROLLER

- 15 sets of program, 90 steps for each program
- 0.001° degree minimum increment
- Macro β Functionality
- Power, feedback, M-signal, and power supply cable included
- RS232C capable
- 14"W x 10.5"H x 12.5"D

Requirements

- 70PSI filtered air supply for brake system
- 1 x M signal required



ITEM	SPECIFICATION	ITEM	SPECIFICATION
Min. Increment	0.001°	Backlash Adjustment	Adjusted by Parameter Screen 1 & 2
Programmable Angle	0.000~99.999°	Standard Parameter Function	Input / Output interface, Long Press "."
Emergency Stop	Whole System Stop	Programmable System	Accepted Incremental / Absolute Value
Input Method	Keyboard Input	Instruction Selection	Program Input Instruction / Indexing and Rotating Instruction
Program Capacity	15 Sets of Programs	Origin Adjustment	Origin Offset Compensation Setting
Program Step Capacity	90 Steps for each Program	External Start Signal	Automatic Operation by M-CODE
Homing	Machine Homing / Relative Homing	Delay Time	0.1 to 99.9 Seconds of Delay
Jump Function	Jump to the Subroutine (JUMP)	Input Power	Three Phase AC-220V 50/60Hz
Cycle Loop	Step up to 999 times per Cycle	Connection Cable	Power Cable / Motor Cable / CNC Connection Cables

ACCESSORIES

Hand Controller



3 Jaw Scroll Chuck & Plate



Tail Stock



5C Manual Closer & Plate



Pneumatic Tail Stock



Side Table

