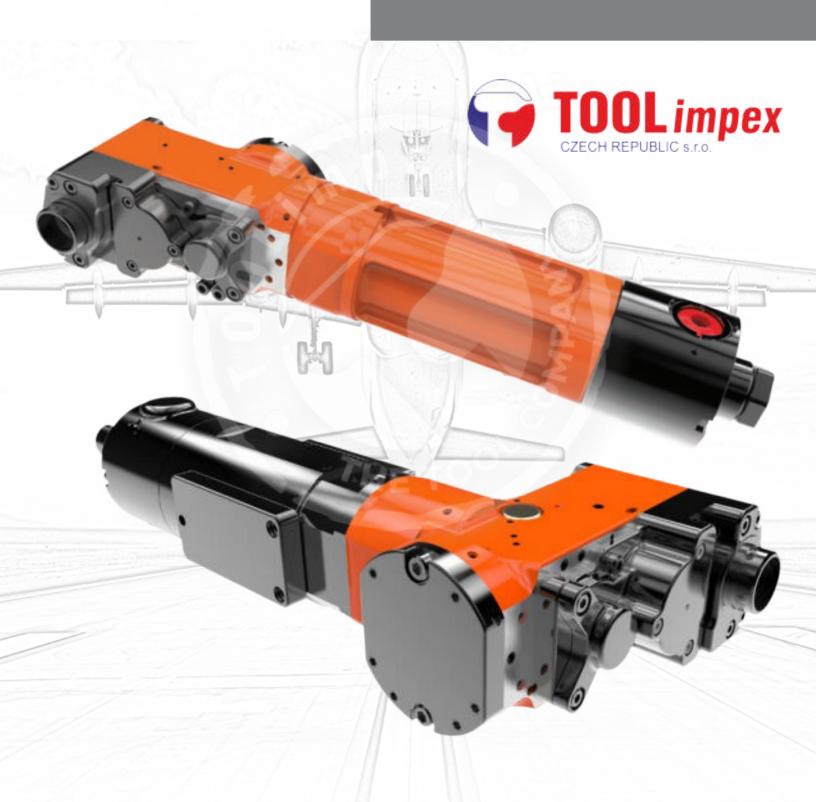
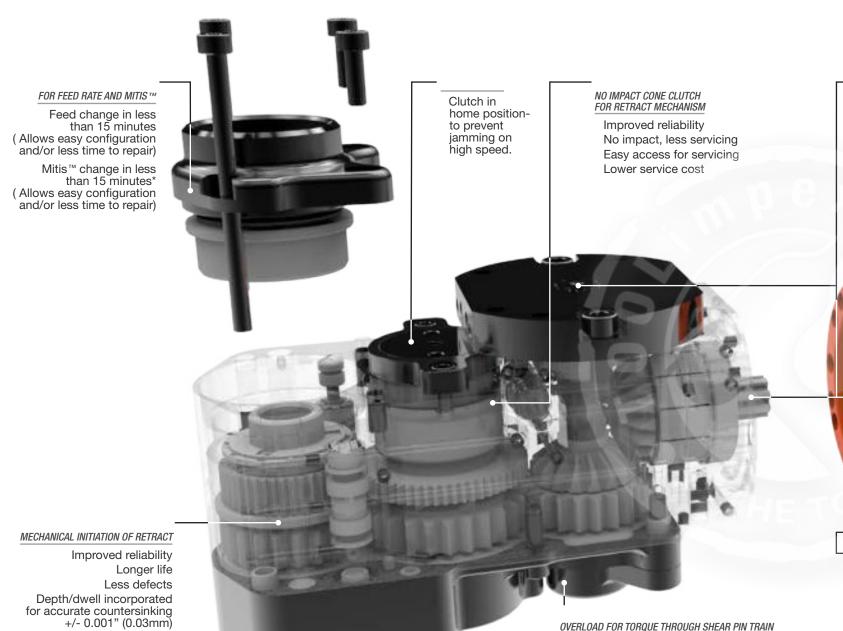
Recoules[®] Quackenbush



LOW MAINTENANCE | INCREASE PRODUCTIVITY | LOW OPERATING COST | QUALITY

A1-SERIES

INTRODUCING THE NEW ADVANCED DRILLING EQUIPMENT PLATFORMS



* Mitis Chip Fragmentation System

LOW MAINTENANCE

- Up to 500 hours/100000 cycle PM interval **
- Quickchange gearhead for easy repair or reconfiguration
- Extralife clutch accessible for change in less than 15 minutes
- Easy-change access to change both feed and MITIS™ in less than 15 minutes

INCREASE PRODUCTIVITY

• Most flexible power train design configurable to minimize speed drop

Protects gears if torque is too high

Longer gear head life

damaged cutter Less hole defects

Keeps tool weight down

Can prevent drilling with

- Line re-balancing drill configuration in hours vs. months
- 2.5 HP at spindle for maximum speed/torque
- Integrated MITIS™ for optimum chip evacuation

AVAILABLE CONNECTION FOR ACCESSORIES/ERROR-PROOFING

Allows easy implementation of:

- Remote start
- Start safety interlock
- Air supply to accessories
- Remote retract
- Cycle complete

Makes customization easier Coolant shut-off in retract Get the configuration you want in less time

Available in Right Angle or Inline Configuration





Handle

Indexer

VANE- AND TURBINE-GOVERNED MOTOR OPTIONS

Wide range of speed options through modular planetary gearboxes Vane motor options for either higher power or lower noise

Guard with Fluid Influencer Vacuum Nose









LOW OPERATING COST

- Up to 500 hours/100000 cycle PM interval **
- Uniquely configurable power train to maximize cutter life
- Fastest wear item replacement in gearhead / MITIS™
- Selectable turbine/vane motors to minimize operating cost based on usage
- Minimal spare parts required

QUALITY

- Configurable error-proofing
- Anti-jam spindle
- Add on counter for operator independent cutter change
- Minimized speed drop for consistent hole quality

** Mitis™ may require more frequent PM, refer to service manual

PRODUCT SPECIFICATIONS

Max Spindle Power 2.5hp* at 90psi/6.3bar dynamic air supply Tool thrust 500lbs at 90psi/6.3bar dynamic air supply

Base Tool					Sta									Feeds				
Code	Base weight Ibs kg		Noise	Configuration		Code	Configuration		Rated Speeds -0/+10%							ipr	mm/rev	
A14V	7.3	3.3	<=85dBA	Right Angle	Vane Motor	Ι		3100	2800	2500	2100	1900	1700	1450	950	850	0.001	0.025
A16V	7.1	3.2	<=85dBA	In Line	Vane Motor]		760	670	600	510	460	410	350	320		0.002	0.05 0.08
						M	Internal Mitis										0.004	0.10
A14T	6.9	3.1	<=82dBA	Right Angle	Turbine			3200	2500	1700	950	750	600	400			0.006 0.007	0.15 0.18
A16T	6.7	3.0	<=82dBA	In Line	Turbine]		3200	2300	1700	930	750	000	400			0.007	0.10

Caladia	Specified based on stroke requirement and cutter thread interface								
Spindles	Item Number	Select from 1/2" - 20 Spindles							
	633809F-G0702-104	Spindle Fluid 9/16"-18 6.5 OAL							
	633809F-G0702-128	Spindle Fluid 9/16"-18 8 OAL							
	633809F-D0401-128	Spindle Fluid 3/8"-24 8 OAL							
	633403	Spindle Fluid 200DA Collet 9 OAL							
Spindle Guard	Specific based on spindle stroke and coolant method used								
Naca Albachmant	Based on application requirements								
Nose Attachment	Item Number	Select from 1" - 20 Noses							
	615457	Nose Std 21k 7 OAL							
	624206	Nose Std 22k 6 OAL							
	615475	Nose Std 23k 6 OAL							
	624086	Nose Std 24k 6 OAL							
	641379	Nose Vacuum Swivel 22k 6 OAL							
	631753	Nose Vacuum Swivel 23k 6 OAL							
	631751	Nose Vacuum Swivel 24k 6 OAL							
Concentrio Callet	Based on application requirements								
Concentric Collet	Item Number	Description							
	22016936PT	Concentric Collet Actuator Vacuum 150lbs Nominal Force							
	22016937PT	Concentric Collet Actuator Vacuum 250lbs Nominal Force							
	22016938PT	Concentric Collet Actuator Vacuum 550lbs Nominal Force							
Template Foot	Based on application requirements								
Handles	We have a range of standard handles development or can customize one to suit your needs								
Electronic Counter	For cutter, maintenance and overall tool life								
Lubricator	Based on application requirements								

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CONFIGURATION OPTIONS -





