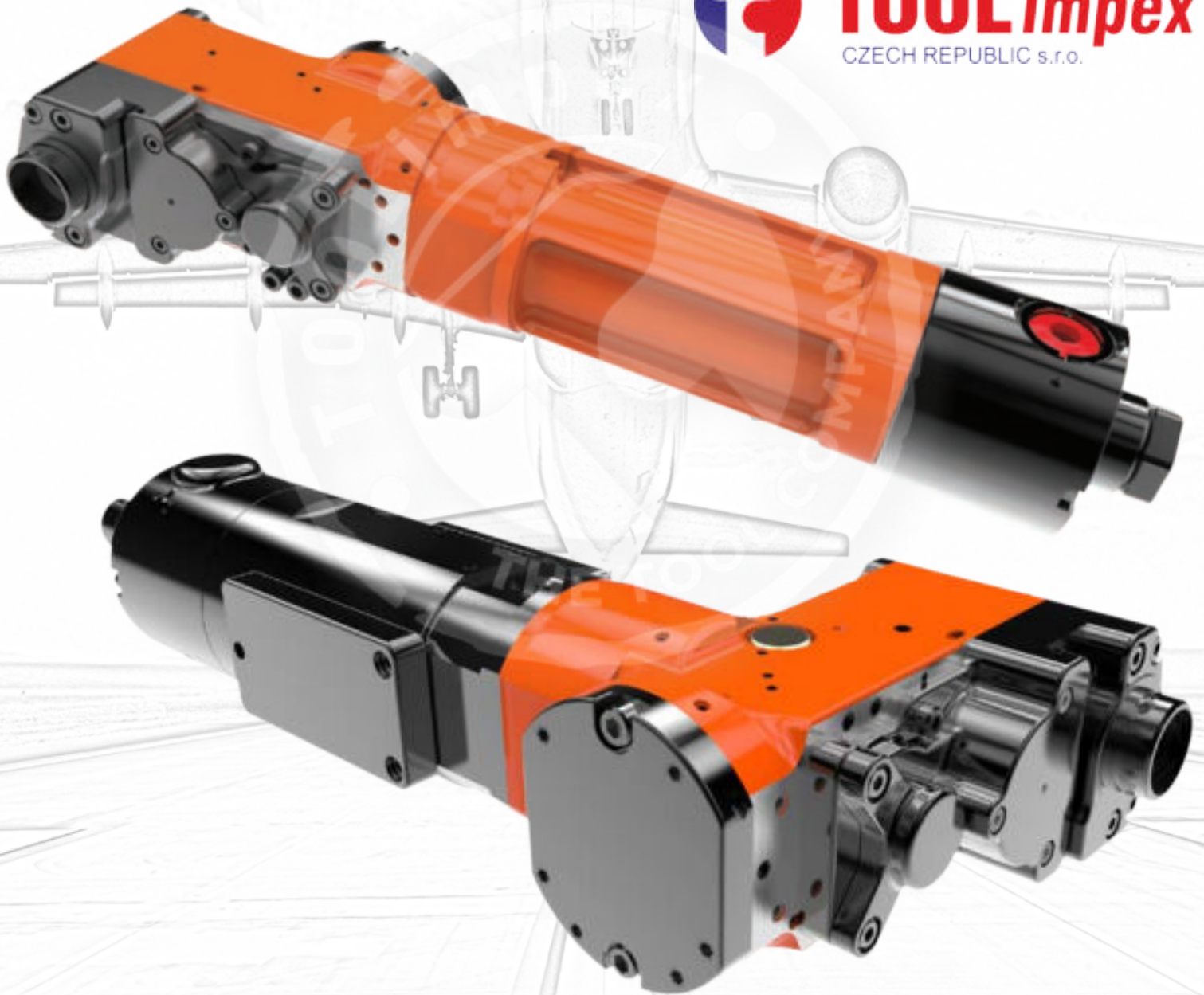


Recoules[®] Quackenbush



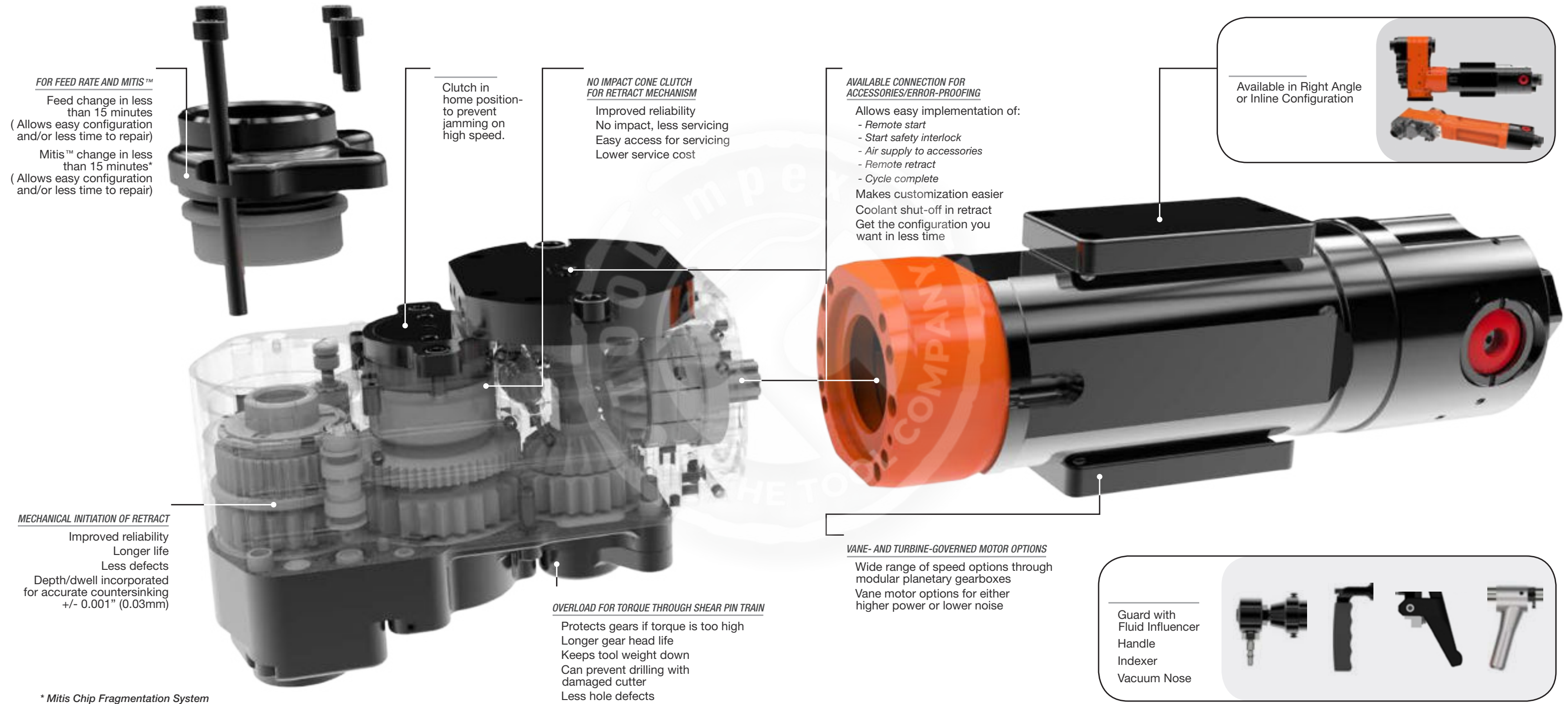
TOOLimpex
CZECH REPUBLIC s.r.o.



LOW MAINTENANCE | INCREASE PRODUCTIVITY | LOW OPERATING COST | QUALITY

A1-SERIES

INTRODUCING THE NEW ADVANCED DRILLING EQUIPMENT PLATFORMS



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

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				Standard Option		Rated Speeds -0/+10%										Feeds			
Code	Base weight lbs kg		Noise	Configuration		Code	Configuration											ipr	mm/rev
A14V	7.3	3.3	<=85dBA	Right Angle	Vane Motor	M	Internal Mitis	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	250	0.002	0.05	
A14T	6.9	3.1	<=82dBA	Right Angle	Turbine												0.003	0.08	
A16T	6.7	3.0	<=82dBA	In Line	Turbine												0.004	0.10	
																	0.006	0.15	
																	0.007	0.18	
															0.008	0.20			

Spindles	Specified based on stroke requirement and cutter thread interface	
	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	
Nose Attachment	Based on application requirements	
	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
Concentric Collet	Based on application requirements	
	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

