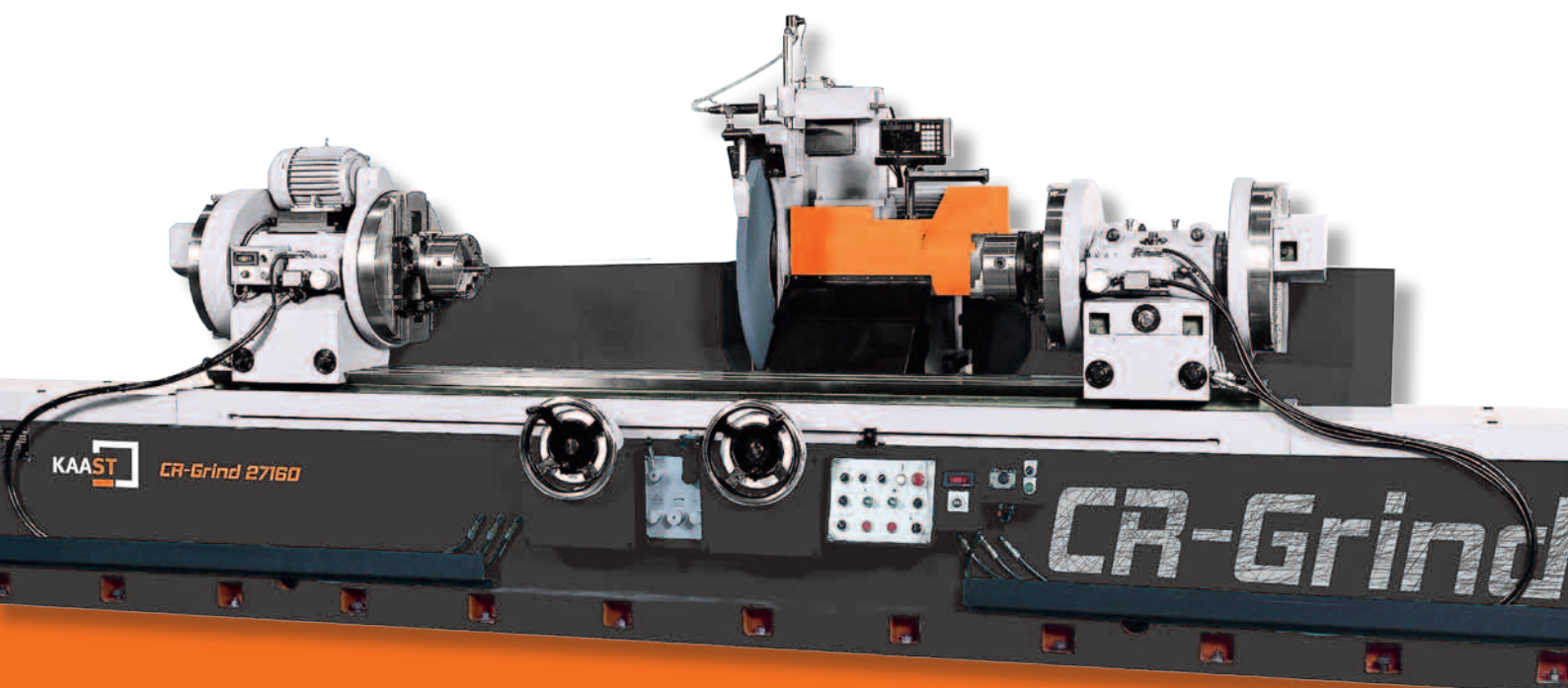


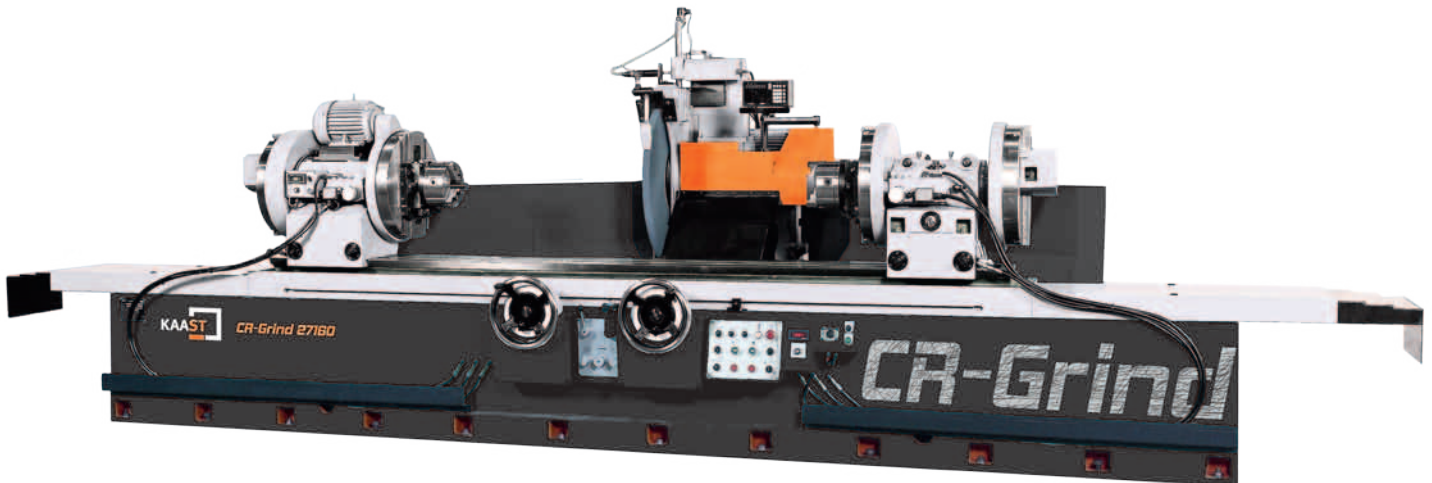
# Cylindrical grinder **CR-Grind**



For grinding of crankshafts



T e c h n i c a l   D a t a s h e e t



- The heavy-duty model with massive stiffened machine bed, allows accurate results with excellent grinding, even with heavy components
- The aerostatic spindle and tailstock ensures minimal operating vibration even for long workpieces
- The automatic lubrication system
- Infinitely adjustable feed rate with hydraulic drive
- The automatic "soft stop" significantly reduces the stresses in all components and allows for long term operation

### Standard configuration:

- ✓ 3-jaw self-centering (2 pcs), includes adapter plate
- ✓ Quick adjusting head
- ✓ Quick change display
- ✓ Grinding wheel (standard)
- ✓ Grinding wheel flange (standard)
- ✓ Flange decreasing device
- ✓ Front / side dressing device
- ✓ Diamond dresser
- ✓ Balancing arbor
- ✓ Hard metal centering tips
- ✓ Splash protection
- ✓ Coolant system
- ✓ Levelling bolt and feet
- ✓ Operating tools
- ✓ Manual

### Optional configuration:

- Automatic grinding wheel balance counter system
- Coolant filtration system, filter paper or magnetic separator
- 2-point bezel (fixed)
- Radii dressing device
- Grinding wheel (extra)
- Grinding wheel flange (extra)
- Automatic measuring device
- Digital position indicator

Technical specifications		CR-Grind			
		27160	35210	35250	35300
Grinding capacity over bed	mm	Ø550	Ø700	Ø700	Ø800
Center height	mm	275	350	350	350
Distance between centers	mm	1650	2170	2570	3070
Distance between chucks	mm	1600	2100	2500	3000
Max. workpiece weight	kg	350	500	800	1000
<b>Grinding spindle</b>					
Grinding wheel dimensions	mm	710x19(38)x203	812x22(38)x203		915x22(38)x305
Rapid approach	mm	150	165	180	
Travel (total)	mm	200	280	340	
<b>Headstock</b>					
Speed	rpm	20-100	10-100	10-100	
Longitudinal feed rate (electric motor)	mm/min	2800			
Longitudinal feed rate (hydraulic drive)	mm/min	60-3000			
Setting per scale	mm	0.0025			
Longitudinal feed	mm	4.5			
<b>Motor</b>					
Grinding spindle motor	kW	7.5	11		11
Headstock motor	kW	1.5	2.2		3.75
Hydraulic pump motor	kW	1.5		2.2	
Lubrication system	kW	0.18			
Coolant pump motor	kW	0.1			
Weight	kg	5200	7000	9500	11000
Item-No.		<b>3100021</b>	<b>3100022</b>	<b>3100023</b>	<b>3100024</b>

\*The above specifications are subject to change without prior notice, no liability for printing mistakes. Machine may be shown with optional equipment.

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