AMC-SCHOU Crankshaft Grinding Machines
Model U



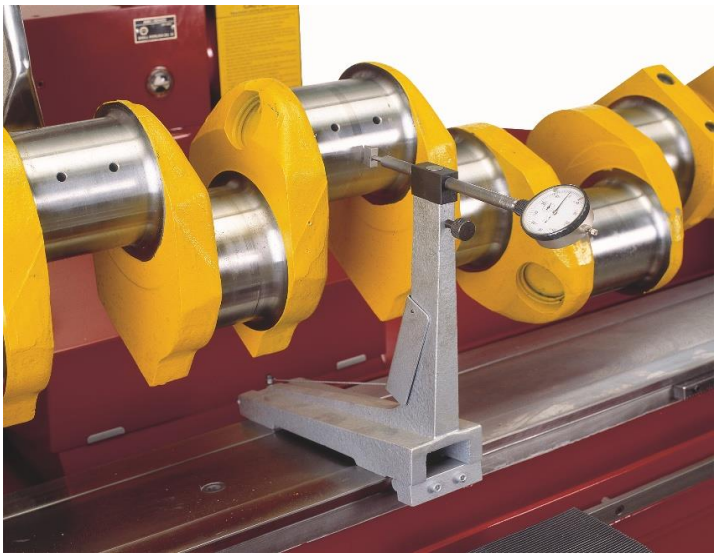


AMC-SCHOU A/S, Niels Bohrs Vej 41, 8660 Skanderborg, Denmark
Homepage: www.amc-schou.dk, e-mail: info@amc-schou.dk, Tel.: +45 87 54 54 54

The Benefits of Precision



HEAVU-DUTY STEADY REST
Heavy-duty steadu rest for larger crankshafts
Essential for big jobs.



SET-UP INDICATOR
Set-up indicator with quick set dial gauge. No tools required for placement and removal.



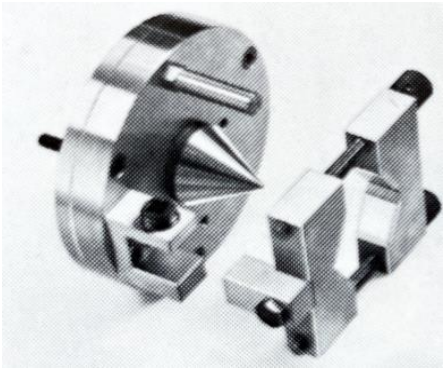
LENGTH OF STROKE
The device for measuring length of stroke gives a direct reading for quick throw-setting.



V-GAUGE
Crank centering V-gauge allows fast positionering of journals.



GRINDING WHEEL HUB.



FIXTURE FOR SETTING-UP
between centers w. driving dogs
45-95mm



GAUGE FOR MEASURING CRANKSHAFT SAG 85-160MM



FACE ANS SIDE DRESSER
The combined face and side dresser with fast mounting can be used when the crank-shaft mounted in the machine.



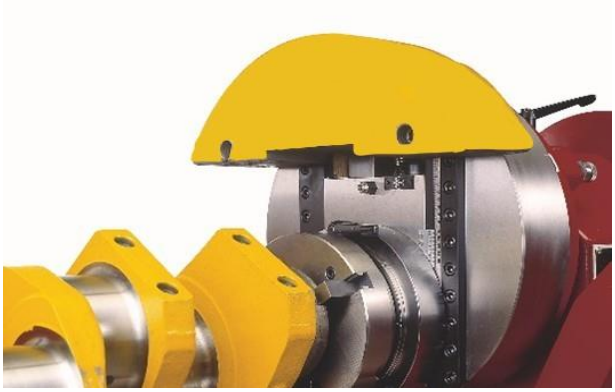
RADIUS DRESSER
Radius dresser with scale for direct radius reading. Easy mounting allowing use with the crankshaft in pos.



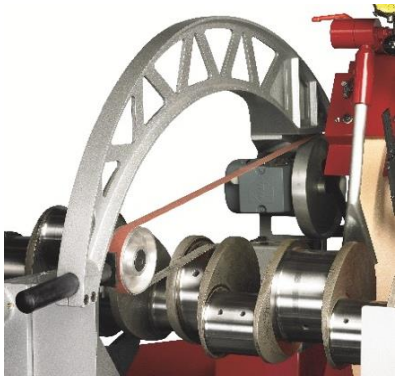
ELECTRIC FACE DRESSER
The electric face dresser is fast to use all the time in the process when grinding a crankshaft.



AMC ELECTRONIC IN PROCESS GAUGING
This measuring device is very easy to use, and find the diamter there must be grinded, and measuring the roundnes in the same time.



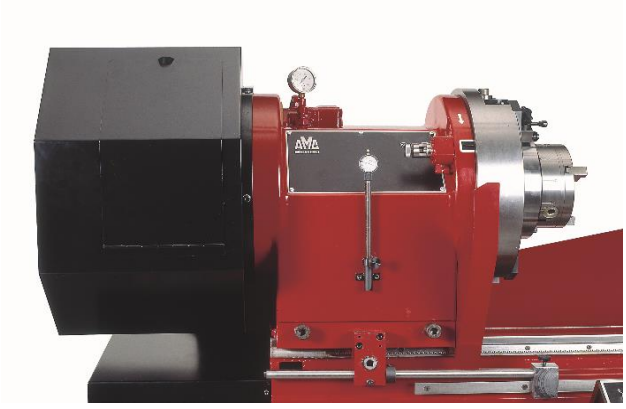
COUNTERWEIGHTS
Extra counterweights can be fitted on a standard machine for balancing large crankshafts. Essential for heavy-duty work.



BELT POLISHER MACHINE



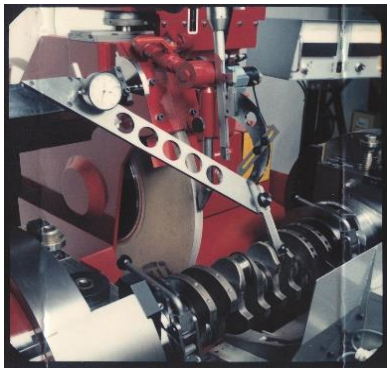
THROW SETTING OF STROKE



SAFETY GUARDS



GRINDING WHEEL BALANCING STAND



AXIAL CONTROL OF JOURNAL POSITION.



THE QUICKEST AND MOST ACCURATE SETTING-UP SYSTEM AVAILABLE

AMC-SCHOU – CRANKSHAFT GRINDING MACHINES - MODEL U
CURRENT STANDARD MODELS:

TECHNICAL SPECIFICATIONS		K 1200-U	K 1500-U	K 2000-U	K 2700-U/F	K 3700-U
Max. distance between chucks	mm	1200	1600	2190	2750	4000
Max. distance between centres	mm	1220	1625	2250	2750	4000
Swing over table	mm	460	690/750	690/750	690/750	750
Max weight between centers	kg	200	600	600	600	600
Max weight between chucks	kg	400	1000	1000	1400	1400
Max. stroke – twice off-set of centres	mm	160	280	280	280	280
Steady rest, standard, capacity	mm	20-100	30-180	30-180	30-180	30-180
Steady rest heavy duty, capacity	mm		30-170	30-170	30-170	30-170
Max. workpiece diameter – new wheel	mm	400	610	610	610	610
Max. workpiece diameter workhead-chuck	mm	155	190	190	190	275
Max. workpiece diameter tailstock-chuck	mm	155	190	190	190	275
Depending on crankshaft configuration						
Workpiece spindle speeds stepless	rpm	5-100	5-90	5-90	5-90	5-90
Table speed stepless	mm/min	5-3000	5-4000	5-4000	5-4000	5-3000
Wheel slide rapid movement	mm/min	5-2000	5-3000	5-3000	5-3000	5-3000
Motors						
Grinding wheel motor	kW	4	5.5	5.5	7.5	7.5
Hydraulic power pump	kW	3	3	3	3	4
Workhead motor hydraulic	L/min	25	25	25	25	3 kW elect.
Coolant pump	kW	0.12	0.12	0.12	0.12	0.12
Dimensions						
Grinding wheel diameter	mm	660	813	813	813	813
Min. grinding wheel width	mm	19	19	19	19	19
Max. grinding wheel width	mm	50	63.5	63.5	63.5	63.5
Height floor to spindle centre	mm	1120	1120	1120	1120	1180
Height of machine	mm	1475	1550	1550	1550	1610
Total length of machine	mm	2950	3700	4795	6000	9500
Total width of machine	mm	1750	2030	2030	2030	2030
Working space required	mm	5104x1700	5405x2030	7045x2030	8850x2030	12500x2100
Net. weight approx.	kg	3300	4800	5600	6700	7900
Shipping weight	kg	3850	5560	6600	7800	9200
Shipping volume	m^3	17.02	22.09	26.59	34.52	42.58