





BULLDOG 3

Wide belt machine 




BULLDOG 5

Wide belt machine 



BULLDOG 7

Wide belt machine 



WOODWORKING MACHINES

Standard equipment

- | Rubbered working roller Ø 120 mm, 90Sh
- | Length of sanding belt 1900 mm
- | Motorized table lifting
- | Automatic switch star / delta
- | Mechanical adjustable sanding pad
- | Ampermeter for sanding motor
- | Centering of sanding belt with infrared sensor
- | Measuring of workpiece height - table positioning
- | Electronic measuring of table position with LED display
- | Two speeds for feeding belt 4,5/9 m/min
- | Rubbered press rollers
- | Electromagnetic brake of main motor
- | Antinoisiness protection
- | CE electric and safety standard

S E R I E



BULDOG 3



Buldog 3		650	950	1100
Working width	mm	630	930	1100
Diameter of working roller	mm	120	120	1120
Width of sanding belt	mm	650	950	1120
Length of sanding belt	mm	1900	1900	1900
Speed of sanding belt	m/s	18	18	18
Workpiece height	mm	3 - 160	3 - 160	3 - 160
Speed of feeding belt	m/min	4,5/9	4,5/9	4,5/9
Motor power for sanding belt	kW	5,5	7,5	11
Power of two-speed motor for feeding belt	kW	0,58/0,75	0,58/0,75	0,58/0,75
Motor power for table lifting	kW	0,18	0,18	0,18
Supply voltage	V/Hz	3/N/PE 400V/50Hz	3/N/PE 400V/50Hz	3/N/PE 400V/50Hz
Pressure air consumption	l/min	50/300	50/300	50/300
Input operated press	bar	5,5	5,5	5,5
Input operated press for belt blower	bar	8	8	8
Diameter of exhausting	mm	150	150	150
Capacity of exhausting	m ³ /hr	2500	3000	3500
Speed of exhausted air	mm	20	20	20
Weight	kg	680	1840	2197

Optional equipment

- Motor 10HP (7,5kW) / 15HP (11 kW) / 20HP (15 kW) only for width 1100
- Two speeds for sanding belt 9/18 m/s - max.11 kW
- Frequency converter for feeding belt - speed 3 - 12m/min
- Frequency converter for main motor - speed of sanding belt 3 - 24 m/s
- Rubbered roller Ø 160 mm, 30 Sh / 45 Sh / 60 Sh
- Two-position pneumatic pad with ascent and descent
- Pneumatic timed blower for sanding belt cleaning
- Pneumatic timed blower with moving jets for sanding belt cleaning
- Automatic centering of feeding belt
- Limitation for maximal workpiece removal
- Extension table - input
- Extension table - output



| WORKING UNIT



| CENTERING OF SANDING BELT WITH INFRARED SENSOR



| MEASURING OF WORKPIECE HEIGHT - TABLE POSITIONING



| BELT TENSIONING

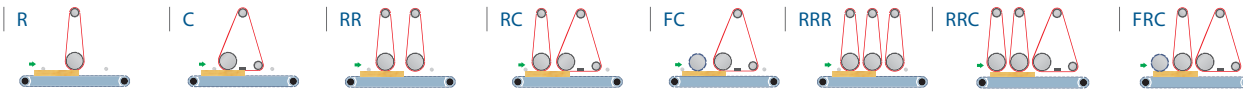
Standard equipment

- | Rubbered working roller Ø 160 mm, 90 Sh
- | Length of sanding belt 1900 mm
- | Motorized table lifting
- | Automatic switch star / delta
- | Ampermeter for sanding motor
- | Centering of sanding belt with infrared sensor
- | Measuring of workpiece height - table positioning
- | Mechanical adjustable sanding pad
- | Electronic measuring of table position with LED display
- | Two speeds of feeding belt 4,5/9 m/min
- | Rubbered press rollers
- | Electromagnetic brake for main motor
- | Pneumatic lifting of sanding roller for 1st sanding unit
- | Mechanical lifting of sanding roller for 2nd sanding unit
- | Antinoisiness protection
- | CE electric and safety standard



S E R I E

BULLDOG 5



BULDOG 5		910	1010	1100	1300
Working width	mm	910	1010	1100	1300
Diameter of workin roller	mm	160	160	160	160
Width of sanding belt	mm	930	1030	1120	1320
Length of sanding belt	mm	1900	1900	1900	1900
Speed of sanding belt	m/s	18	18	18	18
Workpiece height	mm	3 - 160	3 - 160	3 - 160	3 - 160
Speed of feeding belt	m/min	4,5/9	4,5/9	4,5/9	4,5/9
Motor power for sanding belt	kW	11	11	11	11
Power of two-speed motor for feeding belt	kW	0,43/0,3	0,43/0,3	0,43/0,3	0,43/0,3
Motor power for table lifting	kW	0,18	0,18	0,18	0,18
Supply voltage	V/Hz	3/N/PE 400V/50Hz	3/N/PE 400V/50Hz	3/N/PE 400V/50Hz	3/N/PE 400V/50Hz
Pressure air consumption	l/min	20 - 60 /200 - 300	20 - 80/ 250 - 300	20 - 80 / 250 - 300	20 - 80/300
Operating air pressure	bar	5,5	5,5	5,5	5,5
Operating air pressure for belt blower	bar	8	8	8	8
Diameter of exhausting	mm	150	150	150	180
Capacity of exhausting	m ³ /hr	3000	3500	4000	5000
Speed of exhausted air	m/s	20	20	20	20
Weight	kg	980 - 1640	1170 - 1770	1230 - 1890	1420 - 2050

Optional equipment

- | motor 20 HP (15 kW), 25 HP (18,5 kW)
- | two speed motor of sanding belt - 9/18 m/s - max. 11 kW
- | two speed motor for table lifting
- | frequency converter for feeding belt speed 3 - 12 m/min
- | frequency converter for main motor - sanding belt speed 3 - 24 m/s
- | NC machine operating colour Touchscreen 10,4"
- | automatic adjustment of table position
- | rubbered roller Ø 160 mm, 30 / 45 / 60 / 90 Sh
- | steel grooved roller instead of rubbered Ø 160 mm
- | pneumatic pad with mechanical lifting
- | pneumatic timed pad with ascent and descent
- | two-position pneumatic timed pad with ascent and descent
- | divided, pneumatic pad with ascent and descent, width of segment 30 mm
- | divided, electronic pad+NC machine operating, width of segment 30mm
- | pneumatic timed blower for sanding belt cleaning
- | pneumatic timed blower with moving jets for sanding belt cleaning
- | automatic centering of feeding belt
- | automatic measuring of workpiece height - table positioning
- | pressure ledges for sanding short workpieces
- | sanding belt 2200 mm (machine height + 200mm)
- | table lift 220 mm
- | maximum decrease limitation of workpiece - mechanical
- | front extension table
- | rear extension table
- | lifting of sanding pad from control panel
- | 2nd unit lifted from control panel
- | module for workpiece cleaning by rotating brush Ø 140 mm, 2 HP (1,5 kW)
- | orbital blower for workpiece
- | vacuum table
- | vacuum pump 4 kW
- | special voltage 3Ph, 230/ 60Hz



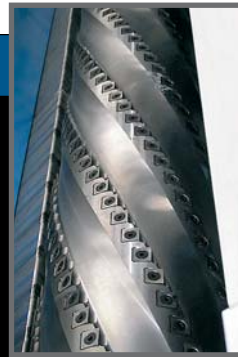
| SANDING UNIT R



| SANDING UNIT C



| MEASURING OF
WORKPIECE HEIGHT -
TABLE POSITIONING



| MILLING ROLLER



| PRESSURE LEDGES FOR
SANDING SHORT
WORKPIECES



| CENTERING OF SANDING
BELT WITH INFRARED
SENSOR



| EXTENSION TABLE - FRONT

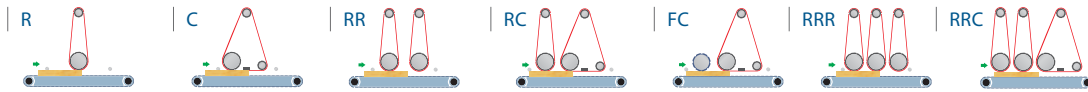
Standard equipment

- | rubbered working roller Ø 160 mm, 90Sh
- | length of sanding belt 2200 mm
- | automatic switch star/delta
- | ampermeter for sanding motor
- | centering of sanding belt with infrared sensor
- | fixed height of working table , moving sanding units
- | motorized lift of sanding units
- | electronic measuring of sanding units position with LED display
- | measuring of workpiece height - sanding unit positioning
- | automatic adjustment of sanding unit to set position
- | electronic correction of working height by grain size of sanding belt
- | programmable adjustment of sanding rollers
- | 2 speeds for feeding belt 4,5/9 m/min
- | rubbered pressure rollers 2 pcs - input and output
- | pneumatic disc brake of main motor
- | operating pressure switch 3,5 - 4,0 bar
- | air pressure regulation for sanding belt tensioning 2,5 - 5,5 bar - for sanding unit C
- | antinoisiness protection
- | CE electric and safety standard

S E R I E



BULLDOG 7



BULLDOG 7		910	1100	1300
Working width	mm	910	1100	1300
Height of workpiece	mm	3-160	3-160	3-160
Speed of feeding belt	m/min	4,5 / 9	4,5 / 9	4,5 / 9
Length of sanding belt	mm	2200	2200	2200
Width of sanding belt	mm	930	1120	1320
Diameter of working roller	mm	160 - 200	160 - 200	160 - 200
Speed of sanding belt	m/s	18,5	18,5	18,5
Motor power for sanding belt	kw	11	11	11
Power of two speed motor for feeding	kW	0,58/0,75	0,58/0,75	0,58/0,75
Supply voltage	V/Hz	3/N/PE 400V/50Hz	3/N/PE 400V/50Hz	3/N/PE 400V/50Hz
Air consumption without/with blower	l/min	50/300	50/300	50/300
Operating air pressure	bar	5,5	5,5	5,5
Operating air pressure for belt blower	bar	8	8	8
Diameter of exhausting	mm	2x 150	2x 150	2x 180
Capacity of exhausting	m ³ /hod	3000	3500	4000
Speed of exhausted air	m/s	20	20	20
Width of machine	mm	1525	1715	1915
Depth of machine	mm	1910	1910	1910
Height of machine	mm	2010	2010	2010
Weight	kg	1380	1500	1770

Optional equipment

- | motor 20 HP (15 kW) / 25 HP (18,5 kW)
- | two speed motor of sanding belt - 9/18 m/s - max. 11 kW
- | two speed motor for sanding unit lifting
- | frequency converter of feeding belt speed 3 - 12 m/min
- | frequency converter for main motor - sanding belt speed 3 - 24 m/s
- | NC machine operating colour Touchscreen 10,4"
- | rubbered roller Ø 160 mm, 30 / 45 / 60 / 90 Sh
- | steel roller instead of rubbered Ø 160 mm
- | rubbered roller Ø 200 mm, 30 / 45 / 60 90 Sh
- | steel grooved roller instead of rubbered Ø 200 mm
- | pneumatic pad timed with ascent and descent
- | divided, pneumatic pad with ascent and descent,width of segment 30 mm
- | divided,electronic pad+NC machine operating, width of segment 30mm
- | pneumatic timed blower for sanding belt cleaning
- | pneumatic timed blower with moving jets for sanding belt cleaning
- | automatic centering of feeding belt
- | automatic measuring of working height - sanding unit positioning
- | pressure ledges for sanding short workpieces
- | maximum decrease limitation of workpiece - mechanical
- | front / rear extension table
- | module for workpiece cleaning by rotating brush Ø 140 mm, 2 HP (1,5 kW)
- | orbital blower for workpiece
- | vacuum table
- | vacuum pump 4 kW
- | special voltage 3Ph, 230/ 60Hz



CONTROL PANEL



SANDING UNIT C WITH PNEUMATIC ADJUSTABLE WORKING ROLLER



BELT TENSIONING



CORRECTION OF WORKPIECE HEIGHT BY GRAIN SIZE OF SANDING BELT



TWO PRESSURE RUBBERED ROLLERS



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