

Trudbenik

TRUDBENIK DOBOJ - FACTORY OF PNEUMATIC TOOLS
Krnjinske Srpske Brigade b.b. Repablic of Serpska
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TRUDBENIK prove great proficiency and quality granted by 60 years of market presence.

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HAND PNEUMATIC TOOLS



GRINDERS: Spindle(V), Angle(K), Head(Č), Automatic(P)



VR560/BV5-16A



Type	Revolution number min ⁻¹	Power KW	Air expenditure m ³ /min	Abrasive brusa mm	Inside Ø hose mm	Working pressure bar man.	Dimensions D/H/L mm	Thread conector	Mass Kg
V1300/BV1-6E	30.000	0,147	0,27	16	6	6	38/-/200	G1/8"	0,55
V2260/BVD2-6EN	26.000	0,245	0,45	25	8	6	41/-/240	G1/4"	0,7
V2300/BVD2-6E	26.000	0,245	0,45	25	8	6	41/-/240	G1/4"	0,7
V3210-BV3-10	12.000	0,48	0,65	65	10	6	48/81/335	G1/4"	1,5
V3150/BV3-63	15.000	0,48	0,69	50	10	6	48/-/320	G1/4"	1,25
V3180/BV3-6E	18.000	0,48	0,72	40	10	6	48/-320	G1/4"	1,25
V3120/BK3-14	12.000	0,48	0,65	100	10	6	48/170/275	G1/4"	2
P3150/B-22	15.000	0,48	0,65	100	10	6	135/105/145	G1/4"	1,1
VR460/BV4-12A	6.000	1,12	1,6	100	13	6	80/116/470	G1/2"	3,1
VR485/BV4-12A	8.500	1,12	1,7	100	13	6	80/116/470	G1/2"	3,1
VR4120/BV4-12A	12.000	1,12	1,8	100	13	6	80/116/470	G1/2"	3,1
VR485/BV4-10EK	8.500	1,12	1,7	40	13	6	80/-/520	G1/2"	2,9
VR485/BV4-10ED	8.500	1,12	1,7	40	13	6	80/-/570	G1/2"	3
VR560/BV5-16A	6.000	1,7	1,7	150	16	6	90/164/440	G1/2"	3,6
VR572/BV5-16A	7.200	1,7	1,8	125	16	6	90/142/440	G1/2"	3,6
VR5100/BV5-16A	10.000	1,7	2	150	16	6	90/166/440	G1/2"	3,6
VR5120/BV5-16A	12.000	1,7	2,2	125	16	6	90/166/440	G1/2"	3,6
Č585/B-22S	8.500	1,7	1,8	-	16	6	94/180/240	G1/2"	2,5
Č585/B178	8.500	1,7	1,8	178	16	6	94/180/260	G1/2"	2,8
ČZB178CS	8.500	2,3	2,45	178	16	6	200/300/260	G1/2"	4,1
ČZB178CS-N	8.500	2,3	2,45	178	16	6	200/300/260	G1/2"	4,1
ČZB230CS	6.500	2,1	2,2	230	16	6	200/330/280	G1/2"	4,2
ČZB230CS-N	6.500	2,1	2,2	230	16	6	200/330/280	G1/2"	4,2

Č585/B-178



ČZB178CS-N



V3120/BK3-14



Manufacture program of various grinder types manage all operations from precisely rub callow to rough lapping. They are used for evenly lapping, welded joint lapping, finishing ingots and welds, cutting pipes, cleaning corrosion with steel brush, polishing, working with profile mill, divers operations in toolshops.

ROTARY PERCUSSIVE TORQUES, twoside with moment pionting

Type	Maximum screw diameter	Wring moment Nm	Revolution number min ⁻¹	Percussive number min ⁻¹	Air expenditure m ³ /min	Working pressure bar man.	Work connector mm	Inside Ø hose mm	Thread connector	Mass Kg
P2D/U-12CS	M12	22-70	6.000-10.000	1500	0,32	6	12,5	8	G1/4"	1,4
P4D/UU-18CS	M18	80-200	1.000-4.500	1200	0,64	6	12,5	8	G1/4"	2,4
Z4D/UU-32	M32	600-1500	do 3.500	800	1,6	6	25,4	13	G1/2"	10

P2D/U-12CS



P4D/UU-18CS



Z4D/UU-32



Rotary percussive torques you can use for torque and wrench of the weels in all industry areas where you do installations and dismount of machine, devices and structures. Main area of usage is in lorry passenger vehicles, naval motors, in repair workshops, at steel construction installalations in furniture industry. Great preference of rotary percussive torques is possibility of scale reguariye of the wring moment.

ROTARY WRENCHES AND DRIVERS



P25D/UV2B-6A



P35D/UV3B-8A



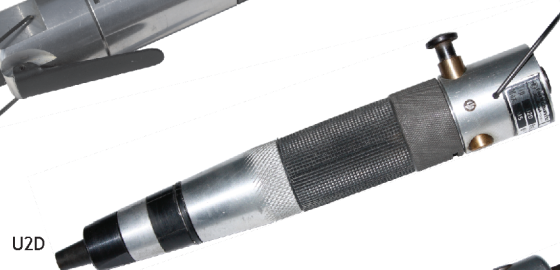
P35D/UV3-8A



P25D/UV2-8A



V312/UK-10D



U2D



V25D/UV2B-6

Rotary wrenches and drivers manufacture program is based on three motor size, with possibility to point the moment. This tools are adapted for quality usage by appropriate accessories for pickup in all shapes of wrench head. Beside two-side tools, we offer all kind of tools with one-side screw rotation.

Type	Revolution number min ⁻¹	Wring moment Nm	Air expenditure m ³ /min	Working pressure bar man.	Maximum screw diameter(mm)	Inside Ø hose mm	Thread connector	Accessories connector	Dimensions D/H/L mm	Mass Kg
TWO-SIDE WRENCHES										
U2D	800	2,5	0,15	6	5	5	G1/8"	F6,3	37/54/230	0,74
PU2D	800	2,5	0,15	6	5	5	G1/4"	F6,3	43/130/220	0,85
V25D/UV2-6	400	5	0,38	6	6	8	G1/4"	E10	41/48/295	1,48
V220D/UV2-6	2000	5	0,38	6	6	8	G1/4"	E10	41/48/265	1,21
P220D/UV2-6A	2000	5	0,35	6	6	8	G1/4"	E10	41/130/227	1,22
P25D/UV2-6A	380	5	0,35	6	6	8	G1/4"	E10	41/130/260	1,48
P35D/UV3-8A	450	15	0,60	6	8	10	G1/4"	E10	48/135/285	2,25
TWO-SIDE FAST-MENSURABLE WRENCHES										
V25D/UV2B-6	400	5	0,38	6	6	8	G1/4"	F6,3	41/48/310	1,50
V220D/UV2B-6	2000	5	0,38	6	6	8	G1/4"	F6,3	41/48/280	1,25
P220D/UV2B-6A	2000	5	0,35	6	6	8	G1/4"	F6,3	41/130/345	1,25
P25D/UV2B-6A	380	5	0,35	6	6	8	G1/4"	F6,3	41/130/275	1,50
P35D/UV3B-8A	450	15	0,60	6	8	10	G1/4"	F6,3	48/135/305	2,30
TWO-SIDE SCREW DRIVER										
V25D/IV2-6	400	5	0,38	6	6	8	G1/4"	F6,3	41/48/235	1,6
V220D/IV2-6	2000	5	0,38	6	6	8	G1/4"	F6,3	41/48/305	1,32
P25D/IV2-6A	380	5	0,35	6	6	8	G1/4"	F6,3	41/48/300	1,58
P220D/IV2-6A	2000	5	0,35	6	6	8	G1/4"	F6,3	41/130/265	1,32
P35D/IV3-8A	450	15	0,60	6	8	10	G1/4"	F8	48/135/365	2,45

DRILLS

Type	Revolution number min ⁻¹	Power KW	Drill Ø max. mm	Air expenditure m ³ /min	Working pressure bar man.	Thread connector	Inside Ø hose mm	Dimensions mm	Mass Kg
V150/BŠV1-1	5.000	0,15	4	0,27	6	G1/4"	6	205/38	0,65
P150/BŠV1-1	5.000	0,15	4	0,15	6	G1/4"	6	190/165	0,9
P228/BŠV2-1A	2.800	0,248	6	0,25	6	G1/4"	8	190/140	1,05
P245/BŠV2-1A	4.800	0,248	6	0,38	6	G1/4"	8	190/140	1,02
V228/BŠV2-1	2.800	0,248	6	0,38	6	G1/4"	8	225/41	0,9
V245/BŠV2-1	4.500	0,248	6	0,38	6	G1/4"	8	225/41	0,9
V228/BŠK2-1	2.000	0,248	6	0,38	6	G1/4"	8	230/110	1,2
V245/BŠK2-1	3.200	0,248	6	0,38	6	G1/4"	8	230/110	1,2
P36/BŠV3-2A	600	0,48	10	0,65	6	G1/4"	10	270/140	2,2
P312/BŠV3-2A	1.000	0,48	10	0,65	6	G1/4"	10	270/140	2,2
V36/BŠKK3-2	400	0,48	10	0,65	6	G1/4"	10	325/140	2,6
V320/BŠKK3-2	1.200	0,48	8	0,65	6	G1/4"	10	280/140	2,3
V312/BŠKK3-2	800	0,48	10	0,65	6	G1/4"	10	325/140	2,6
44/BŠ-2	450	1,1	23	1,7	6	G1/2"	13	610/320	6,4
53/BŠ-3	300	1,62	32	2	6	G1/1"	13	620/325	9
8/BŠU	1.300	2,2	36	2,5	6	G3/4"	16	310/310	11,3
8/BŠU-A	1.300	2,2	36	2,5	6	G3/4"	16	345/310	11,5



P150/BŠV1-1



P312/BŠV3-2A



P228/BŠV2-1A



V312/BŠKK3-2



V150/BŠV1-1



8/BŠU

We offer option to drill divers substance, with maximum drill diameter for puncturing the steel. Drill type 44/BŠ-2 I 53/BŠ-3, we made with support and mechanical hand segment. Drill type 8/BŠU i 8/BŠU-A are intend for puncturing the coal.

PNEUMATIC HAMMERS

Percussive tools program for cleaning and cutting the metal surfaces are different size tools with diverse accessories. Tool types are different by size, percussive energy and accessories shape adapted to use. Structural hammers mechanize rifling, caving and disrupting in structural work, perforating and ground cutting at road repaving.



Type	Stroke number min ⁻¹	Piston diameter mm	Air expenditure m ³ /min	Working pressure bar man.	Inlay for A type mm	Inlay for B type mm	Dimensions L/H mm	Inside Ø hose mm	Thread connector mm	Mass Kg
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CORROSION RIFLE AND CHIPPING CLEANERS

O-2	5.500	23	0,12	6	-	-	405/90	10	G1/4"	1,90
30-3	5.500	23	0,375	6	-	-	445/95	10	G1/4"	3,50
ČČV-1,5	4.500	20	0,10	6	Ø3	(12kom)	240/40	10	-	1,30
ČČP-2	2.500	28	0,12	6	Ø3	(28kom)	325/165	10	G1/4"	2,20

CUTTING HAMMERS

ČS-1,5A	4.500	20	0,10	6	KV-13,7	-	190/38	10	-	1,50
ČS-1,5	4.500	20	0,10	6	Ø13,7	-	190/38	10	-	1,50
ČS-2,5A; ČS2,5B	4.100	22	0,30	6	Ø14,3	OK12,5	260/130	10	G1/4"	1,50
ČS3A; ČS3B	3.100	22	0,30	6	Ø14,3	OK12,5	275/130	10	G1/4"	2,80
ČS-3,5A; ČS-3,5B	2.650	22	0,30	6	Ø14,3	OK12,5	290/130	10	G1/4"	3,00
ČS-4,5A; ČS-4,5B	2.570	28,5	0,40	6	Ø17,5	OK17	330/165	13	G3/4"	3,10
ČS5A; ČS5B	1.950	28,5	0,50	6	Ø17,5	OK17	350/165	13	G3/4"	4,50
ČS-5,5A; ČS-5,5B	1.540	28,5	0,60	6	Ø17,5	OK17	390/165	13	G3/4"	4,80
										5,40

HAMMERS FOR STRUCTURAL WORKING

ČG-9	1.450	36	0,80	6	Ø25	-	450/200	16	G3/4"	8,60
ČG-10	1.100	36	0,85	6	Ø25	-	520/200	16	G3/4"	9,60
ČG-23	1.000	45	1,20	6	-	Ok25	630/380	16	G3/4"	23,00
ČG-30	850	54	1,70	6	-	OK32	700/400	16	G3/4"	33,00

PNEUMATIC RAMMERS

Type	Revolution number (min ⁻¹)	Piston tread (mm)	Air expenditure m ³ /min	Working pressure (bar)	Light muzzle of hose connector (mm)	Thread connector	Total lenght	Total mass
N 8,5	900	160	0,5	6	10	G 3/8	1000	8,5
N 8,5K	900	160	0,5	6	10	G 3/8	665	8



N 8,5

Pneumatic rammers are intend for ramming foundry sand in foundry mould, steel works for ramming clay plate, in structural work and other industries for ramming clay flour, dirt, concrete etc. Using the rammers your working become easier, they cut down on manual workers ballst and attain much on working performance.

CENTRIFUGAL PUMPS

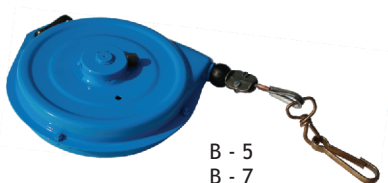
Type	Maximum capacity l/min	Makximum lift height m	Air expenditure m ³ /min	Working pressure bar man.	Inside Ø hose mm	Dimensions A/B/H	Mass Kg
CP 600-25A	600	25	2,6	6	16	260/400/675	21

Pneumatic centrifugal pump is used in mining, structuring and all other places and work where is necessary to pump the large deal of liquor. It's used for pumping the pure and contaminant water, oil and sparsely mire from rivers, canals, canalizations, caissons, tanks. Pump propulsion is rotary with pneumatic motor located in pump cover. Stationary revolution number of pump is kept by centrifugal regulator in small ballast and work and reducing air consumption in vacancy.



CP600-25A

BALANCERS

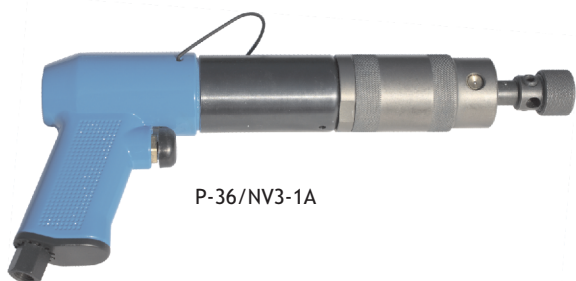
B - 1
B - 2B - 5
B - 7

Balancers are supports for pneumatic tools at the work place. After use ti is necessary to lift the tool to a certain height in order to free work space. This reduces the possibility of injuries and protects the tools against damages. The hight of the tool is lifted is controlled the by the limiter on the balancer rope. Balancers are selected on the basis of tool weight.

Type	Portability regulate Kg	Maximum tread mm	Spring thickness mm	Mass
B - 1	0 - 1	1.500	0,4	0,60
B - 2	0,4 - 1,7	1.500	0,5	0,65
B - 5	1,5 - 5	1.750	0,8	2,10
B - 7	4 - 7	1.750	1	2,25

RIFLE THREAD MACHINES

Type	Working revolution number (min ⁻¹)	Reinstate revolution number (min ⁻¹)	Power (kW)	Air expenditure m ³ /min	Working pressure (bar)	Maximum diameter			Light muzzle of hose connector (mm)	Feeder connector	Dimensions H/D/L	Mass for head wring Kg
						C	Al	Brass				
V28/NV2-1	850	1.700	0,245	0,38	6	M 6	M 8	M 8	10	R1/4"	125/41/325	1,8
P28/NV2-1A	850	1.700	0,245	0,38	6	M 6	M 8	M 8	10	R1/4"	125/41/310	1,90
V36/NV3-1	600	1.200	0,48	0,61	6	M 8	M 10	M 10	10	R1/4"	135/48/370	2,67
P36/NV3-1A	600	1.200	0,48	0,61	6	M 8	M 10	M 10	10	R1/4"	135/48/345	2,75



P-36/NV3-1A



P-28/NV2-1A

Rifle thread machines belong to the small group of pneumatic tools, made in spindle and automatic perform. You can use them in installation and repair workshops and also in all branches of mechanical industry where is need for cutting a large number of threads. We find them useful for cutting the plate thread in different sizes, all sort of the steel, fluency and ferrous metals.

METAL PLATES CLIPPERS

V222/MK2-1,5



We use this clippers for cutting the metal plates medium hardness, then for cutting the ferrous and fluency metal plate and in a workshops for plate facing and metal industry.

The most important features are:

- easy to construct
- easy to handle and service
- easy to release and stop
- high working performance
- safety at work
- small weight

Type	Tread number (min ⁻¹)	Power (kW)	Air expenditure m ³ /min	Working pressure (bar)	Maksimum metal plate thickness (mm)	Light muzzle of hose connector (mm)	Thread connector	Mass
V222/MK2-1,5	2200	0,245	0,43	6	1,5	8	R1/4"	1,6

PNEUMATIC TOOL CONNECTING ELEMENTS

Claw clutches		Type	Inside Diameter	Connecting Through	Code
		1/4"	5,5	Hose 6mm	2559655009
		3/8"	9	Hose 10mm	2559655010
		1/2"	12	Hose 13mm	2559655011
		5/8"	14	Hose 16mm	2559655016
		3/4"	17	Hose 19mm	2559655012
		1"	23	Hose 25mm	2559655013
		SCV 3/8"	11,5	Outside thread R 3/8"	2559655005
		SCV 1/2"	15	Outside thread R 1/2"	2559655006
		SCV 3/4"	19	Outside thread R 3/4"	2559655007
SCV 1"		25	Outside thread R 1"	2559655008	
	SCU 3/8"	15	Inside thread R 3/8"	2559655001	
	SCU 1/2"	18,5	Inside thread R 1/2"	2559655002	
	SCU 3/4"	24	Inside thread R 3/4"	2559655003	
	SCU 1"	30	Inside thread R 1"	2559655004	
Connecting pipes		1/4"	5,5	Hose 6mm	4209111001
		3/8"	9	Hose 10mm	4209111002
		1/2"	12	Hose 13mm	4209131003
		5/8"	14	Hose 16mm	4209151006
		3/4"	17	Hose 19mm	4209131004
		1"	23	Hose 25mm	4209151005
		Clamps		1/2"	For hoses with outside diameter 21,5-25,5mm
3/4"	For hoses with outside diameter 29,5-32,5mm			2559656015	
Rubber seal		For all types of clutches			4407138005

Valve

Type	m³/min	Connecting through	Code
VR 1/4" V-0,8	0,8	Outside thread R1/4"	2559738006
VR 3/8" V-0,8	0,8	Outside thread R3/8"	2559738007
VR 1/4" U-0,8	0,8	Inside thread R 1/4"	2559738009
VR 1/2" V-1,7	1,7	Outside thread R1/2"	2559738005
VR 1/2" U-1,7	1,7	Inside thread R1/2"	2559738003
VR 3/4" V-3,4	3,4	Outside thread R3/4"	2559738018

WIRE MESH

Connection

Type	m³/min	Connecting through	Code
PC 10 V-0,8	0,8	Hose 10 mm	4207621002
PC 6-0,8	0,8	Hose 6 mm	4205221001
PC 13-1,7	1,7	Hose 13mm	4207521001
PC 19-3,4	3,4	Hose 19mm	4205121001
PC 16-3,4	3,4	Hose 16mm	4205121002

Connection

Type	m³/min	Connecting through	Code
PR 1/4" V-0,8	0,8	Outside thread R1/4"	4217621009
PR 1/2" V-1,7	1,7	Outside thread R1/2"	4217521011
PR 1/2" U-1,7	1,7	Inside thread R 1/2"	4116721006
PR 3/4"-3,4	3,4	Conical outside thread R3/4	4215121014
PR 1/2"-3,4	3,4	Conical outside thread R1/2"	4215121015
PR 3/4" U-3,4	3,4	Inside thread R3/4"	4112321001
PR 1/8" V-0,8	0,8	Outside thread R1/8"	4215621001

TOOL CONNECTION FITINGS

Valve

Type	m³/min	Connecting through	Code
V 10-0,8	0,8	Hose 10 mm	2559738011
VC 6-0,4	0,4	Hose 6 mm	2559738021
VR 1/2" U-1,7	1,7	Inside thread R1/2"	2559738003
VC 13-1,7	1,7	Hose 13mm	2559738010
VC 16-3,4	3,4	Hose 16mm	2559738019
VC 19-3,4	3,4	Hose 19mm	2559738020