


F2V R – Knee-type milling machine

Table	mm	300 x 1.300
Working strokes:	mm	840
– longitudinal	mm	376
– cross	mm	420
– vertical	mm	125
Quill shift out	mm	125
Spindle		ISO 40
Revolutions	r.p.m.	60–4.000
Motor output	kW	3
Max. power input	kVA	12
Floor space	mm	2.660 x 1.730
Height	mm	2.270
Weight	kg	1.550


FGU 32 – Production knee-type milling machines with automatic working cycles in 1 axis

Table	mm	360 x 1.400
Working strokes:	mm	1.000
– longitudinal	mm	275
– cross	mm	420
– vertical	mm	ISO 50
Spindle		ISO 50
Revolutions	r.p.m.	31,5–1.400 45–2.000
Motor output	kW	5,5
Max. power input	kVA	13
Floor space	mm	2.995 x 2.000
Height	mm	1.980
Weight	kg	2.900


F2V – Knee-type milling machine

Table	mm	300 x 1.300
Working strokes:	mm	840
– longitudinal	mm	376
– cross	mm	420
– vertical	mm	125
Quill shift out	mm	125
Spindle		ISO 40
Revolutions	r.p.m.	70–4.000
Motor output	kW	2,2
Max. power input	kVA	6,8
Floor space	mm	2.660 x 1.730
Height	mm	2.270
Weight	kg	1.550


FGV 32 – Production knee-type milling machines with automatic working cycles in 1 axis

Table	mm	360 x 1.400
Working strokes:	mm	1.000
– longitudinal	mm	300
– cross	mm	420
– vertical	mm	75
Quill shift out	mm	75
Spindle		ISO 50
Revolutions	r.p.m.	31,5–1.400 45–2.000
Motor output	kW	5,5
Max. power input	kVA	13
Floor space	mm	2.995 x 2.000
Height	mm	2.100
Weight	kg	2.860


FNK2 R – Toolroom knee-type milling machine

Table	mm	300 x 1.300
Working strokes:	mm	840
– longitudinal	mm	376
– cross	mm	460
– vertical	mm	127
Quill shift out	mm	127
Spindle		ISO 40
Revolutions	r.p.m.	60–4.000
Motor output	kW	3
Max. power input	kVA	12
Floor space	mm	2.660 x 2.040
Height	mm	2.250
Weight	kg	1.700


FNGJ 40 A – Universal toolmakers milling machine

Table	mm	800 x 400
Working strokes:	mm	600
– longitudinal	mm	400
– cross	mm	400
– vertical	mm	80
Quill shift out	mm	80
Spindle		ISO 40
Revolutions	r.p.m.	50–4.000
Motor output	kW	4,0
Max. power input	kVA	22
Floor space	mm	2.070 x 2.120
Height	mm	2.115
Weight	kg	2.500


FNK2 – Toolroom knee-type milling machine

Table	mm	300 x 1.300
Working strokes:	mm	840
– longitudinal	mm	376
– cross	mm	460
– vertical	mm	127
Quill shift out	mm	127
Spindle		ISO 40
Revolutions	r.p.m.	70–4.000
Motor output	kW	2,2
Max. power input	kVA	6,8
Floor space	mm	2.660 x 2.040
Height	mm	2.250
Weight	kg	1.700


FNGJ 50 A – Universal toolmakers milling machine

Table	mm	900 x 500
Working strokes:	mm	700
– longitudinal	mm	500
– cross	mm	500
– vertical	mm	80
Quill shift out	mm	80
Spindle		ISO 40
Revolutions	r.p.m.	50–4.000
Motor output	kW	4,0
Max. power input	kVA	22
Floor space	mm	2.170 x 2.120
Height	mm	2.115
Weight	kg	2.500



FV30 CNC A – Vertical knee-type milling machine with controlled quill and fixed spindle head

Table	mm	305 x 1.300
Working strokes:	– longitudinal	mm 760
	– cross	mm 380
	– vertical (quill)	mm 152
	– vert. adjustment of the knee	mm 450
Spindle		ISO 40
Revolutions	r.p.m.	50–6.000
Motor output	kW	5,5
Max. power input	kVA	22
Floor space	mm	2.646 x 3.182
Height	mm	2.250
Weight	kg	2.300



FNG 40 CNC A – Toolroom milling machine

Table	mm	800 x 400
Working strokes:	– longitudinal	mm 600
	– cross	mm 400
	– vertical	mm 400
	– vertical (quill)	mm 80
Spindle		ISO 40
Revolutions	r.p.m.	50–4.000
Motor output	kW	5,5
Max. power input	kVA	20
Floor space	mm	3.623 x 2.845
Height	mm	2.120
Weight	kg	2.750



FNG 50 CNC A – Toolroom milling machine

Table	mm	900 x 500
Working strokes:	– longitudinal	mm 700
	– cross	mm 500
	– vertical	mm 500
	– vertical (quill)	mm 80
Spindle		ISO 40
Revolutions	r.p.m.	50–4.000
Motor output	kW	5,5
Max. power input	kVA	20
Floor space	mm	3.723 x 2.845
Height	mm	2.120
Weight	kg	2.750



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PROGRAM OF PRODUCTION

TOS OLOMOUC, L.t.d.

The company **TOS Olomouc Ltd.** belongs among traditional producers of milling machines. Major part of production is destined to foreign customers. Tradition of the company dates back to 1922 when the electrotechnical devices firm WAGNER was established. A centreless grinding machine, made to serve their own production, started off machine-tools manufacturing in 1935.

Since 1950 the company took on a new name – **TOS Olomouc** and changed its focus on the production of knee-type milling machines. At first it was production of conventional milling machines and then in 1972 also the production of continuous controlled milling machines.

A high standard quality product can be manufactured on high quality processing equipment only. That's why in 1985 the company introduced the flexible processing system PVS 400 for the production of cast iron boxes, which up to now supply the assembly workshop with high precision and quality products.

During the period of privatization the plant became privately owned by the company Obrabeci stroje Olomouc Ltd. in 1993. In 2005 TOS Varnsdorf has become majority owner.

In 2008 Obrabeci stroje Olomouc Ltd. gained the quality certification ČSN EN ISO 9001:2001 awarded by Inspection Institute TÜV.

Toward the end of year 2008 the company came back to the original name **TOS Olomouc Ltd.**

By this step we want to express our belonging to the strong TOS Varnsdorf group and to their mark and at the same time to continue in the long-lasting tradition of machine tools production. Today, besides own production of milling machines, the production of parts and components for foreign machine-tools produces is developing. The high quality and high technical standard of our conventional and CNC milling machines is known by customers worldwide.

TRADITION – QUALITY – RELIABILITY