

137, ZA Le Jasmin Nord FR-73240 SAINT-GENIX-LES-VILLAGES

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www.krafftermachinetools.com

TYPE OF MACHINE	≣: ♦	CNC lathe	
STOCK	v° ∳	90118	
BRAN		MIYANO	
MODE		<b>BNJ 42 SY3</b>	
YEA	R 🔶	2010	
LOCATIO	IN 🔶	73240 St-Genix-les-Villages, FRANCE	





KRAFFTER SAS 137, ZA LE JASMIN NORD - FR-73240 SAINT-GENIX-LES-VILLAGES KRAFFER - SAS AU CAPITAL DE 9 500 € - SIRET 819 707 167 00022 - RCS CHAMBÉRY - N° TVA FR17 819 707 167



Number of axes7Max. curting tinght42 [mm]Max. curting tinght100 [mm]Stroke 21 axis246 [mm]Stroke 21 axis165 [mm]Stroke 22 axis525 [mm]Stroke 22 axis70 [mm]Stroke 22 axis70 [mm]Bapid traverse rate X axis18000 [mm/min]Rapid traverse rate X axis10000 [mm/min]Rapid traverse rate X axis10000 [mm/min]Rapid traverse rate X axis0000 [mm]Spindle speed60 [mm]Max spindle speed002 [m]Courter spindle throughbors35 [mm]Spindle power5 [kW]Courter spindle speed000 [mn]Courter spindle speed000 [mn]Courter spindle speed000 [mn]Courter spindle speed000 [mn]Max courter spindle speed000 [mn]Max courter spindle speed000 [mn]Courter spindle increment C-axis000 [m]Courter spindle increment C-axis000 [m]Max speed from Courter 110Max speed from Courter 102 [km]Max speed from Courter 102 [km]<	CNC control	Fanuc Oi-TB
Max turning length100 [nm]Stroke 21 axis246 [nm]Stroke 21 axis165 [nm]Stroke 21 axis165 [nm]Stroke 22 axis52 [nm]Stroke 22 axis20000 [nm/nm]Repid traverse rate 2 axis20000 [nm/nm]Repid traverse rate 2 axis20000 [nm/nm]Repid traverse rate 2 axis20000 [nm/nm]Spindl traverse rate 2 axis20000 [nm/nm]Spindl traverse rate 2 axis0000 [nm/nm]Spindl traverse rate 2 axis0000 [nm/nm]Spindl traverse rate 2 axis0000 [nm]Spindl traverse rate 2 axis0000 [nm]Spindl traverse rate 2 axis0000 [nm]Spindle speed6000 [nm]Increment C-axis002 [1]Courter spindle throughbore36 [nm]Max counter spindle speed700 [nm]Courter spindle speed002 [1]Courter spindle speed002 [1]Courter spindle speed002 [1]Courter spindle speed002 [1]Number of tool stations driven - Turret 112Max tool holder cross-section002 [1]Number of tool stations - Turret 26Indexing time - Turret 1020 [s/pos]Librication tank capacity300 [1]Total power25 [kw]Librication tank capacity300 [1]Total power required31 [kvA]Spiply voltageYesNumber of thous under power18002 [n]Total power required18 [kvA]Spiply voltageYesNumber of thous under	Number of axes	7
Stroke Zlaxis246 [mm]Stroke Xlaxis165 [mm]Stroke Ylaxis+/- 40 [mm]Stroke Zlaxis525 [mm]Stroke Zlaxis70 [mm]Rapid traverse rate X axis180000 [mm/min]Rapid traverse rate X axis10000 [mm/min]Rapid traverse rate X axis10000 [mm/min]Rapid traverse rate X axis10000 [mm/min]Spindle throughbore43 [mm]Min spindle speed6000 [pm]Min spindle speed6000 [pm]Increment C-axis0.02 [T]Spindle power11 [kW]Counter spindle throughbore36 [mm]Min. counter spindle speed7000 [pm]Kouter spindle speed0.02 [T]Counter spindle throughbore35 [kw]Max. counter spindle speed0.02 [T]Counter spindle speed0.02 [T]Counter spindle throughbore18 [kw]Max. counter spindle speed0.02 [T]Counter spindle speed0.02 [T]Counter spindle speed0.02 [T]Counter spindle throughbore10 [Z]Max. counter spindle speed0.02 [T]Counter spindle speed0.02 [T]Indexing time - Turret 10.25 [s/w]Number of tool stations - Turret 2 <td< td=""><td>Max. cutting diameter</td><td>42 [mm]</td></td<>	Max. cutting diameter	42 [mm]
Stroke X1 axis155 [rm.]Stroke X1 axis	Max. turning lenght	100 [mm]
Stroke Y1 axis-/- 40 [mm]Stroke Y2 axis525 [mm]Stroke X2 axis70 [mm]Rapid traverse rate X axis18000 [mm/min]Rapid traverse rate X axis20000 [mm/min]Rapid traverse rate X axis20000 [mm/min]Rapid traverse rate Y axis20000 [mm/min]Spindle throughbore43 [mm]Min spindle speed60000 [pm]Max, spindle speed6000 [pm]Increment C-axis0.02 [7]Spindle throughbore36 [mm]Min. counter spindle speed67 [pm]Max counter spindle speed67000 [pm]Counter spindle speed67000 [pm]Max counter spindle speed7000 [pm]Max counter spindle speed55 [kW]Max counter spindle speed20 [mm]Number of tool stations driven - Turret I12Max speed driven tools - Turret 120 [Si/pos]Indexing time - Turret 10.25 [s/pos]Number of tool stations - Turret 26Indexing time - Turret 3300 [II]Live tools power25 [kW]Live tools power required3[kVA]Supply voltage400 [V]Sizz 1 InterfaceYesNumber of hours under power19802[h]Kunber of hours under power19802[h]Live tools power19802[h]Supply voltage400 [V]Sizz 1 InterfaceYesNumber of hours under power19802[h]Supply voltage400 [V]Sizz 1 InterfaceYesNumber of hours under power1	Stroke Z1 axis	246 [mm]
Stroke 22 axis55 [m]Stroke 22 axis70 [mm]Rapid traverse rate X axis16000 [mm/min]Rapid traverse rate X axis20000 [mm/min]Rapid traverse rate X axis20000 [mm/min]Rapid traverse rate Y axis20000 [mm/min]Spinde throughbore43 [mm]Min. spinde speed6000 [pm]Max. spinde speed6000 [pm]Increment C-axis0.02 [1]Spinde throughbore36 [mm]Min. counter spindle speed67 [pm]Max. counter spindle speed67 [pm]Max. counter spindle speed0.02 [1]Counter spindle norement C-axis0.02 [1]Counter spindle norement C-axis0.02 [1]Max. counter spindle speed55 [kW]Max. counter spindle norement C-axis0.02 [1]Counter spindle norement C-axis0.02 [1]Max. tool holder cross-section20 [mm]Number of tool stations -Turret 112Max speed driven tools - Turret 10.25 [s/pos]Number of tool stations - Turret 26Indexing time - Turret 10.20 [s/pos]Number of tool stations - Turret 26Indexing time - Turret 26Indexing time - Turret 3300 [1]Counter spindle oner required31 [kVA]Spiphy voltage400 [V]Rispip voltage400 [V]Rispip voltage400 [V]Rispip voltage400 [V]Rispip voltage400 [V]Number of hours under power1960 [h]Number of hours under power <td< td=""><td>Stroke X1 axis</td><td>165 [mm]</td></td<>	Stroke X1 axis	165 [mm]
Stock 32 axis70 [rm/]Rapid traverse rate X axis18000 [rm//min]Rapid traverse rate X axis20000 [rm//min]Rapid traverse rate Y axis12000 [rm//min]Spindle throughbore43 [rm]Min. spindle speed60 [rpm]Max. spindle speed6000 [rpm]Increment C-axis0.02 [']Spindle power11 [kW]Counter spindle spindle speed67 [rpm]Min. counter spindle speed6000 [rpm]Max. spindle speed6000 [rpm]Max. spindle speed6000 [rpm]Max. counter spindle speed67 [rpm]Max. counter spindle speed7000 [rpm]Counter spindle increment C-axis0.02 [']Counter spindle power55 [kW]Max. tool holder cross-section20 [rm]Number of tool stations r-Turret 112Max. speed driven tools - Turret 10.20 [s/pos]Indexing time - Turret 025 [kW]Liber tools power25 [kW]Liber tools power25 [kW]Counter spindle increment analy and	Stroke Y1 axis	+/- 40 [mm]
Rapid traverse rate X axis18000 [mm/min]Rapid traverse rate Z axis20000 [mm/min]Rapid traverse rate Y axis12000 [mm/min]Spindle throughbore43 [mm]Min. spindle speed60 (rpm]Max. spindle speed6000 (rpm]Incremet C-axis0.02 [']Spindle throughbore11 [kw]Counter spindle throughbore36 [mm]Min. counter spindle speed67 (rpm]Max. counter spindle speed7000 (rpm]Counter spindle speed0.02 [']Counter spindle speed0.02 [']Counter spindle speed0.02 [']Counter spindle speed7000 (rpm]Counter spindle speed0.02 [']Counter spindle speed0.02 [']Max. tool holder cross-section0.02 [']Number of tool stations driven - Turret 112Max. speed driven tools - Turret 120 [spos]Indexing time - Turret 10.20 [s/pos]Live tools power25 [kw]Live tools power30 [I]Total power required31 [kvA]Spiply voltage400 (V1R322 InterfaceYesNumber of hours under power19802 [h]Winter of hours under power19802 [h]	Stroke Z2 axis	525 [mm]
Rapid traverse rate 2 axis20000 [mm/min]Rapid traverse rate Y axis12000 [mm/min]Spindle throughbore43 [mm]Min. spindle speed60 [rpm]Max. spindle speed60000 [rpm]Increment C-axis0.02 [']Spindle throughbore11 [kW]Counter spindle spindle speed67 [rpm]Min. counter spindle spindle speed67 [rpm]Max. counter spindle speed70000 [rpm]Counter spindle speed0.02 [']Counter spindle norement C-axis0.02 [']Counter spindle norement C-axis0.02 [']Counter spindle power55 [kW]Max. counter spindle power55 [kW]Max. tool holder cross-section20 [mm]Number of tool stations driven - Turret 112Indexing time - Turret 26Indexing time - Turret 3300 [I]Lubrication tank capacity300 [I]Total power required31 [kVA]Supply voltage400 [V]Ras22 InterfaceYesNumber of hours under power19802 [h]Weight5500 [kg]	Stroke X2 axis	70 [mm]
Rapid traverse rate Y axisI2000 [rmm/min]Spindle throughbore43 [rmm]Min spindle speed60 [rpm]Max spindle speed6000 [rpm]Increment C-axis0.02 [']Spindle power11 [kW]Counter spindle throughbore36 [rmm]Max counter spindle speed67 (rpm)Max counter spindle speed7000 [rpm]Counter spindle speed0.02 [']Counter spindle increment C-axis0.02 [']Counter spindle increment C-axis0.02 [']Counter spindle increment C-axis0.02 [']Counter spindle increment C-axis0.02 [']Counter spindle power55 [kW]Max counter spindle power55 [kW]Max speed driven tools rurret 112Max speed driven tools rurret 10.25 [s/pos]Indexing time - Turret 10.20 [s/pos]Indexing time - Turret 10.20 [s/pos]Live tools power25 [kW]Live tools power25 [kW]Lubrication tank capacity300 [U]Total power required31 [kVA]Supply voltage400 [V]R532 InterfaceYesNumber of hours under power19802 [r]Weight5500 [kg]	Rapid traverse rate X axis	18000 [mm/min]
Spindle throughbore43 [nm]Min. spindle speed60 [npm]Max. spindle speed6000 [rpm]Increment C-axis0.02 [7]Spindle power11 [kW]Counter spindle throughbore36 [nm]Min. counter spindle speed67 [rpm]Max. counter spindle speed7000 [rpm]Counter spindle norement C-axis0.02 [7]Counter spindle norement C-axis0.02 [7]Max. tool holder cross-section2.0 [mm]Number of tool stations driven - Turret 10.25 [s/pos]Indexing time - Turret 26Indexing time - Turret 26Indexing time - Turret 22.5 [kW]Lubrication tank capacity3.00 [1]Total power required3.1 [kVA]Supply voltage400 [V]RS22 InterfaceYesNumber of hours under power190.0 [h]Winght5.500 [kg]	Rapid traverse rate Z axis	20000 [mm/min]
NoteStructureMin spindle speed60 (rpm]Max spindle speed600 (rpm]Increment C-axis0.02 (']Spindle power11 [kW]Counter spindle throughbore36 (mm]Min. counter spindle speed67 (rpm]Max. counter spindle speed7000 (rpm]Counter spindle power0.02 (']Counter spindle speed0.02 (']Counter spindle speed7000 (rpm]Counter spindle norement C-axis0.02 (']Counter spindle power55 [kW]Max. tool holder cross-section20 (rmm]Number of tool stations driven - Turret 112Max speed driven tools - Turret 10.25 [s/pos]Number of tool stations driven - Turret 26Indexing time - Turret 10.20 [s/pos]Lubrication tank capacity300 [I]Total power31 [kVA]Supply voltage400 [V]R522 InterfaceYesNumber of hours under power19802 [h]Winght5500 [Kg]	Rapid traverse rate Y axis	12000 [mm/min]
Max. spindle speed6000 (rpm]Increment C-axis0.02 [']Spindle power11 [kW]Counter spindle throughbore36 [mm]Min. counter spindle speed67 [rpm]Max. counter spindle speed7000 (rpm]Counter spindle increment C-axis0.02 [']Counter spindle increment C-axis0.02 [']Counter spindle power55 [kW]Max. tool holder cross-section20 [rmm]Number of tool stations driven - Turret 112Max. speed driven tools - Turret 10.25 [s/pos]Number of tool stations - Turret 26Indexing time - Turret 10.20 [s/pos]Live tools power2.5 [kW]Live tools power2.5 [kW]Supply voltage400 [V]Supply voltage400 [V]RS22 InterfaceYesNumber of hours under power19802 [h]Weight5500 [Kg]	Spindle throughbore	43 [mm]
Increment C-axis0.02[']Spindle power11 [kW]Counter spindle throughbore36 [mm]Min. counter spindle speed67 [rpm]Max. counter spindle speed7000 [rpm]Counter spindle increment C-axis0.02 [']Counter spindle power55 [kW]Max. tool holder cross-section20 [rmn]Number of tool stations driven - Turret 112Max. speed driven tools - Turret 14000 [rpm]Indexing time - Turret 10.25 [s/pos]Number of tool stations - Turret 26Indexing time - Turret 10.20 [s/pos]Live tools power25 [kW]Supply voltage300 [U]Supply voltage400 [V]Rs232 InterfaceYesNumber of hours under power19802 [h]Weight5500 [Kg]	Min. spindle speed	60 [rpm]
Spindle power11 [kW]Counter spindle throughbore36 [mm]Min. counter spindle speed67 [rpm]Max. counter spindle speed7000 [rpm]Counter spindle increment C-axis0.02 [']Counter spindle power55 [kW]Max. tool holder cross-section20 [rmm]Number of tool stations driven - Turret 112Max. speed driven tools - Turret 1025 [s/pos]Indexing time - Turret 1025 [s/pos]Number of tool stations - Turret 26Indexing time - Turret 1020 [s/pos]Live tools power25 [kW]Live tools power25 [kW]Supply voltage400 [V]Rs232 InterfaceYesNumber of hours under power19802[h]Weight5500 [kg]	Max. spindle speed	6000 [rpm]
Counter spindle throughbore36 [mm]Min. counter spindle spiedle spiedle67 [rpm]Max. counter spindle speed7000 [rpm]Counter spindle increment C-axis0.02 ["]Counter spindle power55 [kW]Max. tool holder cross-section20 [mm]Number of tool stations driven - Turret 112Max. speed driven tools - Turret 10.25 [s/pos]Indexing time - Turret 10.20 [s/pos]Number of tool stations - Turret 26Indexing time - Turret 10.20 [s/pos]Live tools power25 [kW]Live tools power25 [kW]Supply voltage400 [V]RS232 InterfaceYesNumber of hours under power19802 [h]Weight5500 [Kg]	Increment C-axis	0.02 [°]
Min. counter spindle spiedl67 [rpm]Max. counter spindle speed7000 [rpm]Counter spindle increment C-axis0.02 [']Counter spindle power55 [kW]Max. tool holder cross-section20 [mm]Number of tool stations driven - Turret 112Max. speed driven tools - Turret 14000 [rpm]Indexing time - Turret 10.25 [s/pos]Number of tool stations - Turret 26Indexing time - Turret 10.20 [s/pos]Lubrication tank capacity300 [I]Total power required31 [kVA]Supply voltage400 [V]RS232 InterfaceYesNumber of hours under power9800 [h]	Spindle power	11 [kW]
Max. counter spindle speed7000 [rpm]Counter spindle increment C-axis0.02 ["]Counter spindle power55 [kW]Max. tool holder cross-section20 [mm]Number of tool stations driven - Turret 112Max. speed driven tools - Turret 14000 [rpm]Indexing time - Turret 10.25 [s/pos]Number of tool stations - Turret 26Indexing time - Turret0.20 [s/pos]Lubrication tank capacity300 [I]Total power required31 [kVA]Supply voltage400 [V]RS232 InterfaceYesNumber of hours under power19802 [h]Weight5500 [Kg]	Counter spindle throughbore	36 [mm]
Counter spindle increment C-axis0.02 [']Counter spindle power55 [kW]Max. tool holder cross-section20 [mm]Number of tool stations driven - Turret 112Max. speed driven tools - Turret 14000 [rpm]Indexing time - Turret 10.25 [s/pos]Number of tool stations - Turret 26Indexing time - Turret0.20 [s/pos]Live tools power25 [kW]Lubrication tank capacity300 [I]Supply voltage400 [V]RS232 InterfaceYesNumber of hours under power19802 [h]Weight5500 [Kg]	Min. counter spindle spied	67 [rpm]
Counter spindle power55 [kW]Max. tool holder cross-section20 [mm]Number of tool stations driven - Turret 112Max. speed driven tools - Turret 14000 [rpm]Indexing time - Turret 10.25 [s/pos]Number of tool stations - Turret 26Indexing time - Turret0.20 [s/pos]Live tools power25 [kW]Lubrication tank capacity300 [I]Total power required31 [kVA]Supply voltage400 [V]RS232 InterfaceYesNumber of hours under power19802 [h]Weight5500 [Kg]	Max. counter spindle speed	7000 [rpm]
Max. tool holder cross-section20 [mm]Number of tool stations driven - Turret 112Max. speed driven tools - Turret 14000 [rpm]Indexing time - Turret 10.25 [s/pos]Number of tool stations - Turret 26Indexing time - Turret0.20 [s/pos]Live tools power2.5 [kW]Lubrication tank capacity300 [I]Total power required31 [kVA]Supply voltage400 [V]RS232 InterfaceYesNumber of hours under power19802 [h]Weight5500 [Kg]	Counter spindle increment C-axis	0.02 [°]
Number of tool stations driven - Turret 112Max. speed driven tools - Turret 14000 [rpm]Indexing time - Turret 10.25 [s/pos]Number of tool stations - Turret 26Indexing time - Turret0.20 [s/pos]Live tools power2.5 [kW]Lubrication tank capacity300 [I]Total power required31 [kVA]Supply voltage400 [V]RS232 InterfaceYesNumber of hours under power19802 [h]Weight5500 [Kg]	Counter spindle power	5.5 [kW]
Max. speed driven tools - Turret 14000 [rpm]Indexing time - Turret 10.25 [s/pos]Number of tool stations - Turret 26Indexing time - Turret0.20 [s/pos]Live tools power2.5 [kW]Lubrication tank capacity300 [I]Total power required31 [kVA]Supply voltage400 [V]RS232 InterfaceYesNumber of hours under power19802 [h]Weight5500 [Kg]	Max. tool holder cross-section	20 [mm]
Indexing time - Turret 10.25 [s/pos]Number of tool stations - Turret 26Indexing time - Turret0.20 [s/pos]Live tools power2.5 [kW]Lubrication tank capacity300 [U]Total power required31 [kVA]Supply voltage400 [V]RS232 InterfaceYesNumber of hours under power19802 [h]Weight5500 [Kg]	Number of tool stations driven - Turret 1	12
Number of tool stations - Turret 26Indexing time - Turret0.20 [s/pos]Live tools power2.5 [kW]Lubrication tank capacity300 [L]Total power required31 [kVA]Supply voltage400 [V]RS232 InterfaceYesNumber of hours under power19802 [h]Weight5500 [Kg]	Max. speed driven tools - Turret 1	4000 [rpm]
Indexing time - Turret0.20 [s/pos]Live tools power2.5 [kW]Lubrication tank capacity300 [l]Total power required31 [kVA]Supply voltage400 [V]RS232 InterfaceYesNumber of hours under power19802 [h]Weight5500 [Kg]	Indexing time - Turret 1	0.25 [s/pos]
Live tools power2.5 [kW]Lubrication tank capacity300 [I]Total power required31 [kVA]Supply voltage400 [V]RS232 InterfaceYesNumber of hours under power19802 [h]Weight5500 [Kg]	Number of tool stations - Turret 2	6
Lubrication tank capacity300 [l]Total power required31 [kVA]Supply voltage400 [V]RS232 InterfaceYesNumber of hours under power19802 [h]Weight5500 [Kg]	Indexing time - Turret	0.20 [s/pos]
Total power required31 [kVA]Supply voltage400 [V]RS232 InterfaceYesNumber of hours under power19802 [h]Weight5500 [Kg]	Live tools power	2.5 [kW]
Supply voltage400 [V]RS232 InterfaceYesNumber of hours under power19802 [h]Weight5500 [Kg]	Lubrication tank capacity	300 [l]
RS232 InterfaceYesNumber of hours under power19802 [h]Weight5500 [Kg]	Total power required	31[kVA]
Number of hours under power19802 [h]Weight5500 [Kg]	Supply voltage	400 [V]
Weight 5500 [Kg]	RS232 Interface	Yes
	Number of hours under power	19802 [h]
Conform with CE regulations Yes	Weight	5500 [Kg]
	Conform with CE regulations	Yes

The information on this page has been obtained by the best of our ability. Therefore, its accuracy can not be guaranteed



KRAFFTER



Drilling: Ø13 [mm] Tapping: M8 x 1.25 Milling: Ø12 [mm]

## **EQUIPMENT INCLUDED:**

- IEMCA VIP 80E II type 16 bar feeder
- LNS High Pressure pump type Powerstream VP (40 bars)
- Chip conveyor
- Parts recuperator
- Parts conveyor belt
- Brake: on spindle and counter-spindle
- Electrical transformer: 400 / 200 [V]
- Part ejection: in counter-spindle
- Number of axial live tool holders: 3Number of radial live tool holders: 3
- Number of radial live tool holders: 3
- Number of steady tool holders (turret 1) : 14
  Number of steady tool holders (turret 2) : 3
- Number of collets DIN173E: 60
- Number of Collects Din173E. 60
- Number of DIN173E collet chucks: 2

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