

SMART
MACHINE TOOL

NL 2000
BY
Installation
Packet

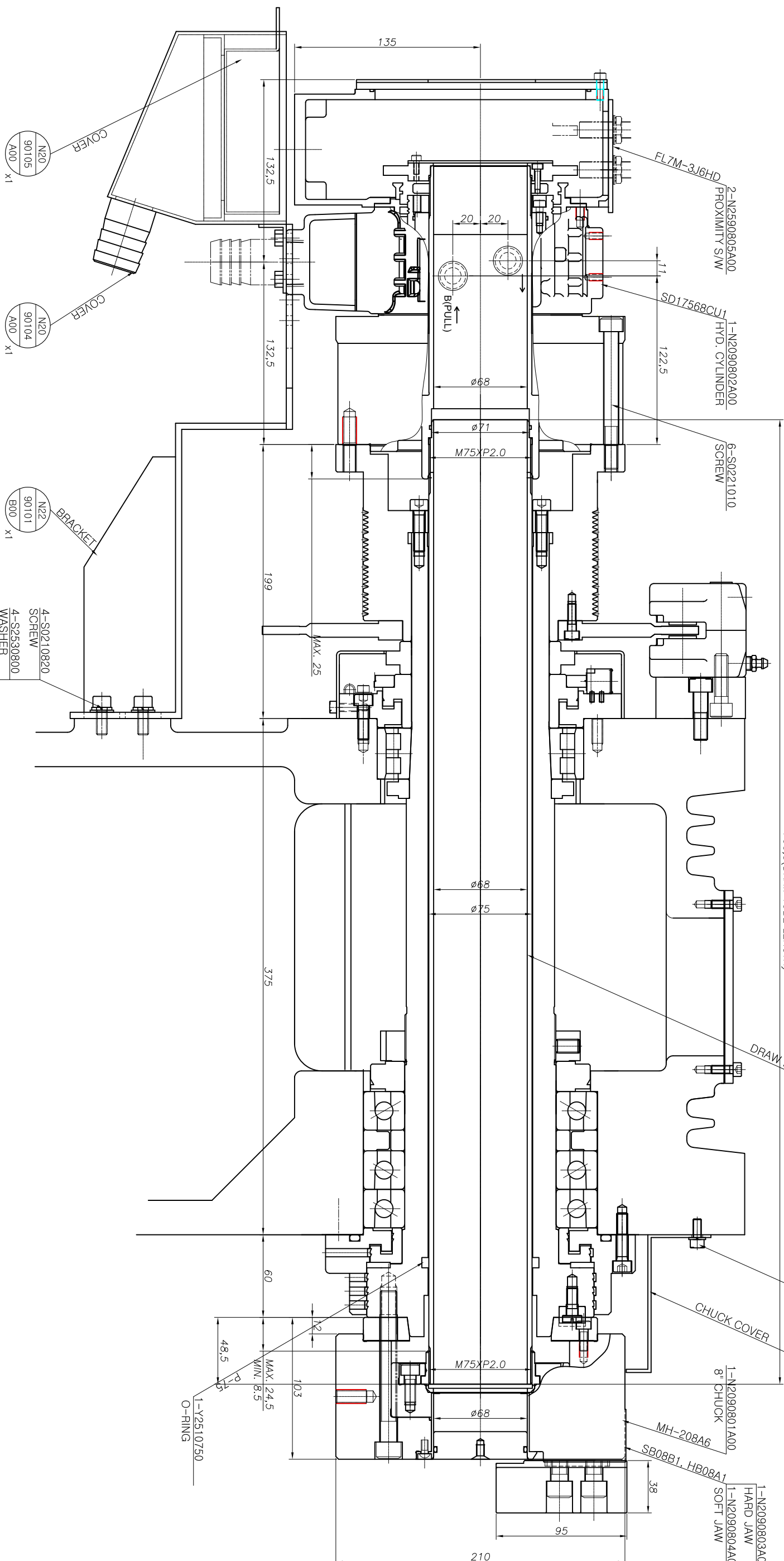
MACHINE MODEL	KVA	AMPS @ 220	Coolant	Slideways	Hyd. Unit	Transmission	Chuck	Oil for Air
NL150/200/250	31	82	48	.79 gal	5.3 gal	n/a	.2 oz daily	N/A
NL1500(M)	31	82	48	.79 gal	5.3 gal	n/a	.2 oz daily	.6 oz
NL2000(M)	31	82	48	.79 gal	5.3 gal	n/a	.2 oz daily	.6 oz
NL2000BY	40	105	60	.79 gal	5.3 gal	n/a	.2 oz daily	.6 oz
NL2500SY	50	131	60	.79 gal	5.3 gal	n/a	.2 oz daily	.6 oz
NL2500S	40	105	48	.79 gal	5.3 gal	0.75	.2 oz daily	.6 oz
NL2500(M)	40	105	53	.79 gal	5.3 gal	0.75	.2 oz daily	.6 oz
NL3000(M)	40	105	63	.79 gal	5.3 gal	0.75	.2 oz daily	N/A
NL4000(M)	55	144	63	.79 gal	6.4 gal	0.75	.2 oz daily	N/A
NL5000(M)	55	144	63	.79 gal	6.4 gal	0.75	.2 oz daily	N/A
NL5000L(M)	65	170	130	.79 gal	6.4 gal	0.75	.2 oz daily	N/A
NL6000(M)	65	170	105	.79 gal	15 gal	0.75	.2 oz daily	N/A
NL6000L(M)	65	170	150	.79 gal	15 gal	0.75	.2 oz daily	N/A
NL6000XL(M)	65	170	180	.79 gal	15 gal	0.75	.2 oz daily	
NL7000L(M)	65	170	150	.79 gal	15 gal	2 gal	.2 oz daily	N/A
NL7000XL(M)	65	170	180	.79 gal	15 gal	2 gal	.2 oz daily	N/A
				Shell Oil T68	Mobil DTE	Mobil Oil Light		DTE Light
				Mobil Vactra#	24	ISO VG 32	grease daily	check daily
				check daily	check daily	check daily		

Conestoga Trailers arranged by Walsh Logistics required for all machine shipments

Model	Description	ESTIMATED PACKING	
		(Size - FEET)	(Size - LBS)
NL150/200/250	MACHINE + CONVEYOR	13x7.5x7.5	10,500
NL1500(M)	MACHINE + CONVEYOR	13x7.5x7.5	10,500
NL2000(M)(B)	MACHINE + CONVEYOR	13x7.5x7.5	10,500
NL2000BY	MACHINE + CONVEYOR	17.5 x 7.6 x 8.1	14,330
NL2500S	MACHINE + CONVEYOR	14x7.6x7.4	12,500
NL2500(M)	MACHINE + CONVEYOR	16.7x7.6x7.4	13,900
NL3000(M)	MACHINE + CONVEYOR	16.7x7.6x7.4	14,500
NL3000L(M)	MACHINE + CONVEYOR	19.5x7.6x7.4	16,800
NL4000(M)	MACHINE	16x7.5x8	25,000
NL4000(M)	CHIP CONVEYOR	14x3.1x5	1,925
NL5000(M)	MACHINE	16x7.5x8	25,500
NL5000(M)	CHIP CONVEYOR	14x3.1x5	1,925
NL5000L(M)	MACHINE	20x7.5x8	32,000
NL5000L(M)	CHIP CONVEYOR	18x3.1x5	2,500
NL6000(M)	MACHINE	18.7x7.5x8.4	35,250
NL6000(M)	CHIP CONVEYOR	15.9x7.5x5.75	2,350
NL6000L(M)	MACHINE	21x7.5x8.5	40,000
NL6000L(M)	CHIP CONVEYOR	18.2x7.5x5.75	4,000
NL6000XL(M)	MACHINE	26x7.5x8.5	50,000
NL6000XL(M)	CHIP CONVEYOR	22.5x7.5x5.75	5,500
NL7000L(M)	MACHINE		
NL7000XL(M)	MACHINE		

SPECIFICATION	
CYLINDER INSIDE DIAMETER	170mm
PISTON STROKE	29mm
PISTON THRUST (PUSH)	79KN (7698 kgf)
PISTON THRUST (PULL)	70KN (7120kgf)
Pressure 4.5MPa (45bar)	
Max. pressure	4.5MPa (45bar)
Max. speed	5600 rpm
Weight	18kg
Moment of inertia	0.07 kg·m ²
Oil leakage	3.2 liter/min
ISO VG:32 50° 30 bar	

SPECIFICATION	
PLUNGER STROKE	16 mm
JAW STROKE (직경)	7.4 mm
PLUNGER 운동속력	3,596kgf (36.4KN)
최대 피압력	8,772kgf (87KN)
최고 회전수	5,000 r.p.m.
WEIGHT (SOFT JAW 부착)	25 kgf
G·D ² (SOFT JAW 부착)	0.57 kgf·m ²
최고 회전중 피압력	2,972 kgf
시용 CYLINDER	SD-17568
최대 열경 유압력	24 kg/cm ²



주) 1. NL2000BSY 8" 대관용경 CHUCKING 사양임(상판리 사양)

N20 90105 A00 x1 COVER

N20 90104 A00 x1 COVER

N22 90101 B00 x1 BRACKET

4-S2510820 SCREW
4-S2530800 WASHER
4-S2550800 SPRING WASHER

N20 90101 A00 x1 DRAW PIPE

N20 90102 A01 x1 CHUCK COVER

1-N2090801A00 8" CHUCK

MH-208A6 SB08B1, HB08A1 1-N2090803A00 HARD JAW
1-N2090804A00 SOFT JAW

1-Y2510750 O-RING

MARK	REVISION	DATE	REV'D	CHE' D	DATE	REV'D	CHE' D	DATE	REV'D	CHE' D

APP'D	J.W. SHIN	GENERAL TOLERANCE	HEAT TREATMENT
2020.05.18	0.3~ 6 ± 0.1		
	6~ 30 ± 0.2		
	30~ 120 ± 0.3		
	120~ 315 ± 0.5		
	315~ 1000 ± 0.9		
	1000~ 2000 ± 1.2		

DES'N	JULS PARK	UNIT ASS'Y	CHUCKING
2020.05.18	1000~ 2000 ± 1.2	1/1.5	

DATE	DES'N	UNIT ASS'Y	CHUCKING
2020.05.18	JULS PARK	1/1.5	

SCALE	NAME
1/1.5	HOLLOW CHUCK ASS'Y

DATE	DES'N	UNIT ASS'Y	CHUCKING
2020.05.18	JULS PARK	1/1.5	

DATE	DES'N	UNIT ASS'Y	CHUCKING
2020.05.18	JULS PARK	1/1.5	