



NL 2000

AY

**Installation
Packet**

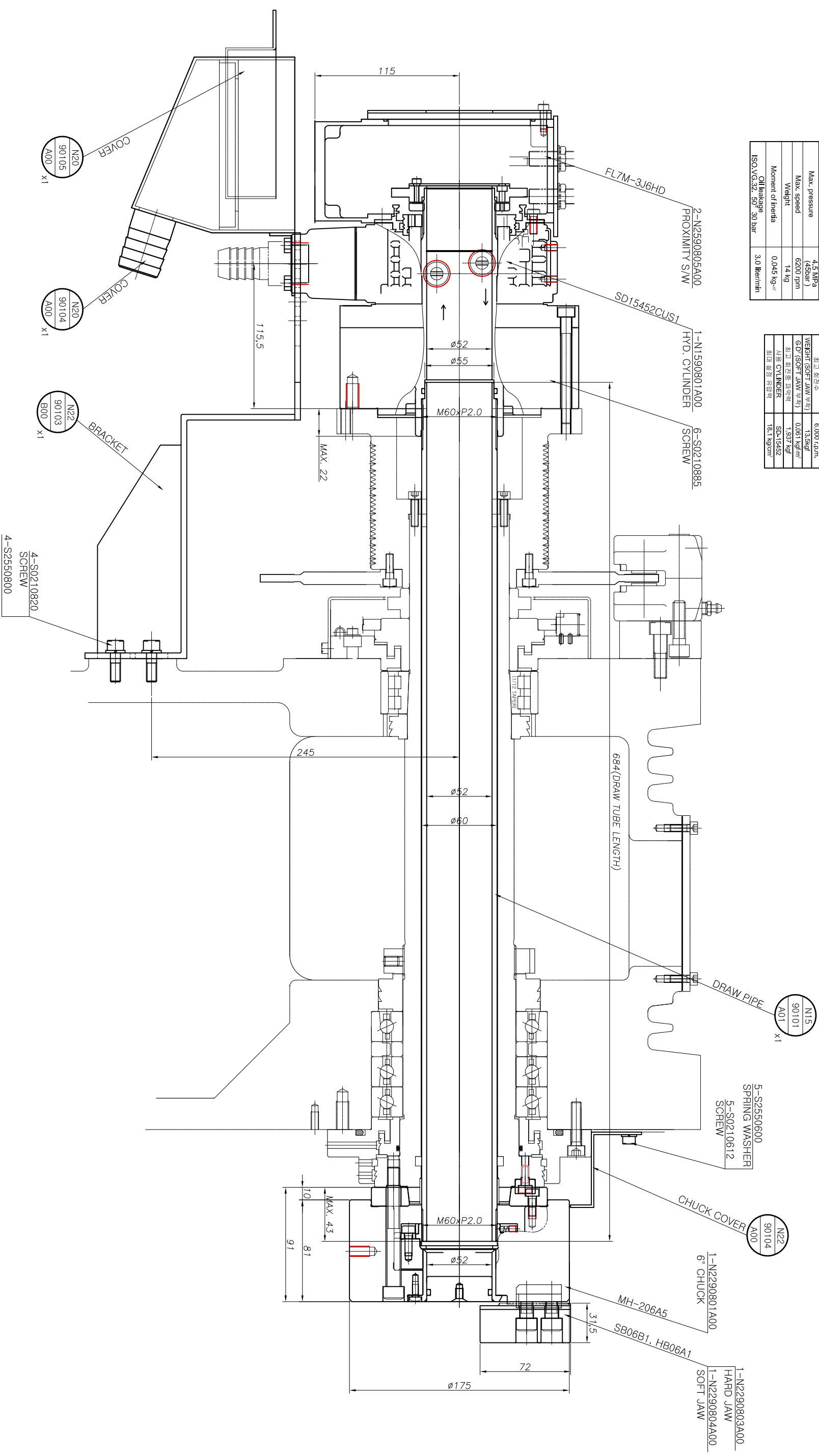
MACHINE MODEL	KVA	AMPS @ 220	Coolant	Slideways	Hyd. Unit	Transmission	Chuck	Oil for Air
NL150/200/250	31	82	48	.79 gal	5.3 gal	n/a	.2 oz daily	N/A
NL1500(M)	31	82	48	.79 gal	5.3 gal	n/a	.2 oz daily	.6 oz
NL2000(M)	31	82	48	.79 gal	5.3 gal	n/a	.2 oz daily	.6 oz
NL2000AY	40	105	60	.79 gal	5.3 gal	n/a	.2 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
NL2000AY	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	156
PISTON STROKE	25 mm
PISTON THRUST (PUSH)	67 kN (6800 kg)
Pressure 4.5MPa (45bar)	(47 cm)
Max. pressure	4.5 MPa (45bar)
Max. speed	6200 rpm
Weight	14 kg
Moment of inertia	0.045 kg·m ²
ISO V.S.32	30 bar
ISO V.S.32	3.0 liter/min

SPECIFICATION	
PLUNGER STROKE	14 mm
JAW STROKE (전위)	6.4 mm
PLUNGER 작동속력	2.551kgf (24.7kN)
최대 전위속력	5.812kgf (57kN)
최고 회전속	6,000 rpm
WEIGHT (SOFT JAW 포함)	13.5kgf
GD (SOFT JAW 포함)	0.061 kgf·m ²
최고 회전속 (포인팅)	1,937 kgf
시공 CYLINDER	SC-1545Z
회전 속도 (회전속)	18.1 kgf/cm ²



- 주) 1. 치니없는 일반면취 C1
2. 전체소입 HRC58~62
3. 축척색 할 것.

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

APP'D	DES' D	DATE	REV'D	CHE' D	DATE	REV'D	CHE' D	DATE	REV'D	CHE' D	DATE	REV'D	CHE' D	DATE	REV'D	CHE' D	DATE	REV'D	CHE' D	

GENERAL TOLERANCE	HEAT TREATMENT	SMTK
0.3~ 6 ± 0.1		
6~ 30 ± 0.2		
30~ 120 ± 0.3		
120~ 315 ± 0.5		
315~ 1000 ± 0.8		
1000~ 2000 ± 1.2		
2000~ 5000 ± 1.5		
5000~ 10000 ± 2.0		
10000~ 20000 ± 2.5		
20000~ 50000 ± 3.0		
50000~ 100000 ± 4.0		
100000~ 200000 ± 5.0		
200000~ 500000 ± 6.0		
500000~ 1000000 ± 7.0		
1000000~ 2000000 ± 8.0		
2000000~ 5000000 ± 9.0		
5000000~ 10000000 ± 10.0		
10000000~ 20000000 ± 11.0		
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50000000~ 100000000 ± 13.0		
100000000~ 200000000 ± 14.0		
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500000000~ 1000000000 ± 16.0		
1000000000~ 2000000000 ± 17.0		
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5000000000~ 10000000000 ± 19.0		
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5000000000000000~ 10000000000000000 ± 37.0		
10000000000000000~ 20000000000000000 ± 38.0		
20000000000000000~ 50000000000000000 ± 39.0		
50000000000000000~ 100000000000000000 ± 40.0		
100000000000000000~ 200000000000000000 ± 41.0		
200000000000000000~ 500000000000000000 ± 42.0		
500000000000000000~ 1000000000000000000 ± 43.0		
1000000000000000000~ 2000000000000000000 ± 44.0		
2000000000000000000~ 5000000000000000000 ± 45.0		
5000000000000000000~ 10000000000000000000 ± 46.0		
10000000000000000000~ 20000000000000000000 ± 47.0		
20000000000000000000~ 50000000000000000000 ± 48.0		
50000000000000000000~ 100000000000000000000 ± 49.0		
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500000000000000000000000000000~ 1000000000000000000000000000000 ± 79.0		
1000000000000000000000000000000~ 2000000000000000000000000000000 ± 80.0		
2000000000000000000000000000000~ 5000000000000000000000000000000 ± 81.0		
5000000000000000000000000000000~ 10000000000000000000000000000000 ± 82.0		
10000000000000000000000000000000~ 20000000000000000000000000000000 ± 83.0		
20000000000000000000000000000000~ 50000000000000000000000000000000 ± 84.0		
50000000000000000000000000000000~ 100000000000000000000000000000000 ± 85.0		
100000000000000000000000000000000~ 200000000000000000000000000000000 ± 86.0		
200000000000000000000000000000000~ 500000000000000000000000000000000 ± 87.0		
500000000000000000000000000000000~ 1000000000000000000000000000000000 ± 88.0		
1000000000000000000000000000000000~ 2000000000000000000000000000000000 ± 89.0		
2000000000000000000000000000000000~ 5000000000000000000000000000000000 ± 90.0		
5000000000000000000000000000000000~ 10000000000000000000000000000000000 ± 91.0		
10000000000000000000000000000000000~ 20000000000000000000000000000000000 ± 92.0		
20000000000000000000000000000000000~ 50000000000000000000000000000000000 ± 93.0		
50000000000000000000000000000000000~ 100000000000000000000000000000000000 ± 94.0		
100000000000000000000000000000000000~ 200000000000000000000000000000000000 ± 95.0		
200000000000000000000000000000000000~ 500000000000000000000000000000000000 ± 96.0		
500000000000000000000000000000000000~ 1000000000000000000000000000000000000 ± 97.0		
1000000000000000000000000000000000000~ 2000000000000000000000000000000000000 ± 98.0		
2000000000000000000000000000000000000~ 5000000000000000000000000000000000000 ± 99.0		
5000000000000000000000000000000000000~ 10000000000000000000000000000000000000 ± 100.0		