

	NEOPS-100	NEOPS-200	NEOPS-400	NEOPS-600	NEOPS-800
Max. Workpiece Diameter (Internal) 최대 가공물 (내경)	100mm	250mm	400mm	600mm	800mm
Max. Workpiece Diameter (External) 최대 가공물 (외경)	120mm	280mm	420mm	750mm	950mm
Max. Workpiece Height 최대 가공물 높이	80mm	300mm	320mm	450mm	470mm
Max. Pitch 최대 모듈	Module 2,0	Module 4,0	Module 6,0	Module 6,0	Module 8,0
Radial Travel (X-Axis) 전후 이송 거리	150mm (-100mm~+50mm)	400mm (+300mm~-10mm)	400mm (+350mm~-10mm)	500mm (+490mm~-10mm)	450mm (+600mm~-50mm)
Tool Shift Travel (Y-Axis) 공구 이송 거리	100mm (-50mm~+50mm)	500mm (±250mm)	500mm (±250mm)	500mm (±250mm)	500mm (±250mm)
Z-Axis Work Range 상하 이송 거리	260mm (60mm~320mm)	400mm (240mm~640mm)	490mm (240mm~730mm)	490mm (230mm~720mm)	495mm (150mm~740mm)
Max. Helix Angel (A-Axis) 공구 회전 각도	+45°/-115°	±30°	±30°	±30°	±30°
Table Diameter 테이블 직경	Ø100mm	Ø300mm	Ø380mm	Ø650mm	Ø1,000mm
Taper of Spindle Nose 주축 테이퍼	HSK #63	HSK #100	HSK #100	HSK #125	HSK #125
Max. Tool Shift Travel 최대 커터 이송	100mm (+50mm ~ -50mm)	500mm (±250mm)	500mm (±250mm)	500mm (±250mm)	500mm (±250mm)
B-Axis Spindle Motor B축 모터	12,0kw	33kw	33kw	33kw	33kw
B-Axis Max. RPM B축 최대 회전수	10,000RPM	6,000RPM	6,000RPM	6,000RPM	6,000RPM
C-Axis Spindle Motor C축 모터	110Nm	580Nm (31kw)	580Nm (31kw)	800Nm (30kw)	800Nm (30kw)
C-Axis Max. RPM C축 최대 회전수	6,000RPM	4,000RPM	4,000RPM	3,000RPM	3,000RPM
Control System 컨트롤러	FANUC Oi MF	FANUC Oi MF	FANUC Oi MF	FANUC Oi MF	FANUC Oi MF
Floor Space (L x W x H) w/o Auto. 소요 면적	2,480 x 2,550 x 2,050mm	4,500 x 3,400 x 3,250mm	4,800 x 3,800 x 3,550mm	5,100 x 3,800 x 3,550mm	5,400 x 4,500 x 3,750mm
Weight (Approx.) w/o Auto. 기계 중량	6,0ton	12,0ton	15,5ton	18,5ton	21,0ton

* Specifications are subject to change without notice.

since 1963
YUNIL MACHINE
<http://gearhob.co.kr>

(주)연일
경상북도 성주군 선남면 선노로 161-15
161-15, Seonno-ro, Seonnam-myeon, Seongju-gun, Gyeongsangbuk-do, Republic of Korea
Tel 053. 583. 4031~4 | Fax 053. 583. 4035 | Email yunil@gearhob.co.kr



- NEOPS-100
- NEOPS-200
- NEOPS-400
- NEOPS-600
- NEOPS-800

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YUNIL MACHINE

POWER SKIVING MACHINE

for the machining of Internal and External Spur or Helical gears.

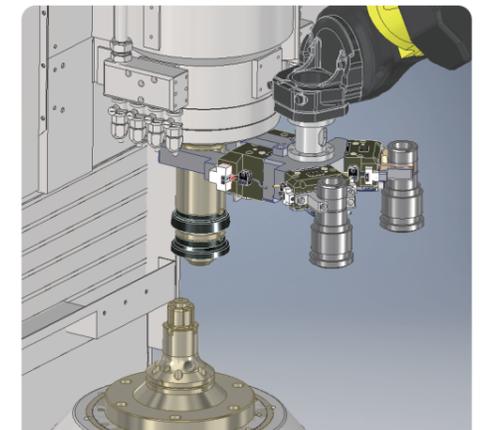
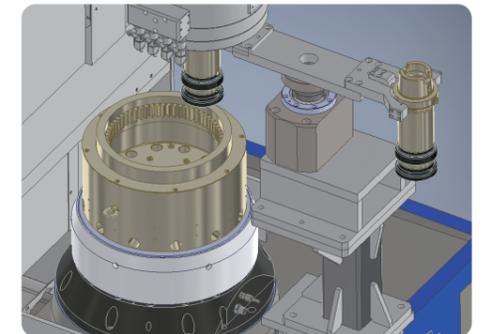


- ✓ **Short Machining Time**
짧은 가공시간
- ✓ **High Machining Volume**
다량 생산 가능
- ✓ **Moderate Tool Cost**
합리적인 공구 비용
- ✓ **Manufacturing of Internal & External Gearing in One Chucking**
한 번의 척킹으로 내치 및 외치
동시 기어 가공 가능

Automation with Robot



Tool Change



Work Change & Cutter Change with Robot



- ✓ **Various Kinds of Cutter**
다양한 종류의 커터 사용



- ✓ **Two Step Gear Shaft with 2 Cutter**
두개의 커터를 사용한 2단 기어 샤프트 가공

Harmonic Gear



Two Step Gear



Internal Gear



45° Helical Cutting



Module 10.0

