



Aluminium Split Frame Clamshells

New range of Split Frame Clamshells is essentially portable lathes. Offering the versatility to cut and bevel (simultaneously if required), face, counter bore and O/D machine pipes (and vessels) of almost any diameter.

A lightweight aluminum body encases a steel inner ring gear running on solid bearings, ensuring manageability, yet extreme strength and durability.

Coupled with wide, hardened clamping feet, with easy read rule marks, enable rapid, repeatable concentric setup, even on out of round pipes and joints.

A range of tooling, power units, and accessories allow you to tailor your machine to your particular job.

Features and Advantages

- 8 models cover a range from 1" (25.4 mm) to 24" (609.6 mm) O/D
- Pneumatic, Hydraulic, standard electric and NC SERVO Electric Drive options provide increased versatility
- Adjustable heavy duty bearings, combined with easy access maintenance points allow inspection and adjustment
- Clamping Feet are quickly and easily adjusted via a flush Hex head through the outer ring. Feet feature easy read measure marks for rapid setup and adjustment
- NISTUL Split Frame Clamshells accept a wide range of accessories to increase performance and expand machine capabilities
- Unique 'NISTUL transmission' tool slides with changeable gears for adjustable Radial tool feed

MODEL	WORKING RANGE IN INCHES	WORKING RANGE IN MM
NSF-100	2-4"	50.8-101.6
NSF-150	3-6"	76.2-152.4
NSF-200	4-8"	101.6-203.2
NSF-250	5-10"	127-254
NSF-400	10-16"	254-406.4
NSF-450	12-18"	304.8-457.2
NSF-500	14-20"	355.6-508
NSF-600	18-24"	457.2-609.6

TECHNICAL DETAILS

MODEL :-NSF-100

ELECTRIC

PNEUMATIC

LOCKING RANGE ID	MM	50.8-101.6	50.8-101.6
IDLE SPEED	RPM	24	24
TORQUE	NM	200	185
PNEUMATIC MOTOR POWER	HP	-	1.35
AIR CONSUMPTION	CFM	-	50-55
AIR PRESSURE	BAR(PSI)	-	6 (90)
AIR HOSE CONNECTION	BSP	-	1/2"
ELECTRIC MOTOR POWER	WATT	1100	-
VOLTAGE	VOLT	220/110	-
FREQUENCY	Hz	50	-
MAX NOISE LEVEL	dB	75	75

MODEL :-NSF-150

ELECTRIC

PNEUMATIC

LOCKING RANGE ID	MM	76.2-152.4	76.2-152.4
IDLE SPEED	RPM	24	24
TORQUE	NM	200	185
PNEUMATIC MOTOR POWER	HP	-	1.35
AIR CONSUMPTION	CFM	-	50-55
AIR PRESSURE	BAR(PSI)	-	6 (90)
AIR HOSE CONNECTION	BSP	-	1/2"
ELECTRIC MOTOR POWER	WATT	1100	-
VOLTAGE	VOLT	220/110	-
FREQUENCY	Hz	50	-
MAX NOISE LEVEL	dB	75	75

MODEL :-NSF-200

ELECTRIC

PNEUMATIC

LOCKING RANGE ID	MM	101.6-203.2	101.6-203.2
IDLE SPEED	RPM	20	20
TORQUE	NM	265	252
PNEUMATIC MOTOR POWER	HP	-	1.85
AIR CONSUMPTION	CFM	-	60-65
AIR PRESSURE	BAR(PSI)	-	6 (90)
AIR HOSE CONNECTION	BSP	-	1/2"
ELECTRIC MOTOR POWER	WATT	1100	-
VOLTAGE	VOLT	220/110	-
FREQUENCY	Hz	50	-
MAX NOISE LEVEL	dB	75	75

MODEL :-NSF-250

ELECTRIC

PNEUMATIC

LOCKING RANGE ID	MM	127-254	127-254
IDLE SPEED	RPM	18	18
TORQUE	NM	265	252
PNEUMATIC MOTOR POWER	HP	-	1.85
AIR CONSUMPTION	CFM	-	60-65
AIR PRESSURE	BAR(PSI)	-	6 (90)
AIR HOSE CONNECTION	BSP	-	1/2"
ELECTRIC MOTOR POWER	WATT	1100	-
VOLTAGE	VOLT	220/110	-
FREQUENCY	Hz	50	-
MAX NOISE LEVEL	dB	75	75

MODEL :-NSF-400

ELECTRIC

PNEUMATIC

LOCKING RANGE ID	MM	254-406.4	254-406.4
IDLE SPEED	RPM	SERVO DRIVE MOTOR AS REQUIRED BY CUSTOMER	15
TORQUE	NM		250
PNEUMATIC MOTOR POWER	HP		2.2
AIR CONSUMPTION	CFM		65-70
AIR PRESSURE	BAR(PSI)		6 (90)
AIR HOSE CONNECTION	BSP		3/4"
ELECTRIC MOTOR POWER	WATT		-
VOLTAGE	VOLT		-
FREQUENCY	Hz		-
MAX NOISE LEVEL	dB		75

MODEL :-NSF-450

ELECTRIC

PNEUMATIC

LOCKING RANGE ID	MM	304.5-457.2	304.5-457.2
IDLE SPEED	RPM	SERVO DRIVE MOTOR AS REQUIRED BY CUSTOMER	12
TORQUE	NM		250
PNEUMATIC MOTOR POWER	HP		2.2
AIR CONSUMPTION	CFM		65-70
AIR PRESSURE	BAR(PSI)		6 (90)
AIR HOSE CONNECTION	BSP		3/4"
ELECTRIC MOTOR POWER	WATT		-
VOLTAGE	VOLT		-
FREQUENCY	Hz		-
MAX NOISE LEVEL	dB		75

MODEL :-NSF-500

ELECTRIC

PNEUMATIC

LOCKING RANGE ID	MM	355.6-508	355.6-508
IDLE SPEED	RPM	SERVO DRIVE MOTOR AS REQUIRED BY CUSTOMER	10
TORQUE	NM		350
PNEUMATIC MOTOR POWER	HP		2.2
AIR CONSUMPTION	CFM		65-70
AIR PRESSURE	BAR(PSI)		6 (90)
AIR HOSE CONNECTION	BSP		3/4"
ELECTRIC MOTOR POWER	WATT		-
VOLTAGE	VOLT		-
FREQUENCY	Hz		-
MAX NOISE LEVEL	dB		75

MODEL :-NSF-600

ELECTRIC

PNEUMATIC

LOCKING RANGE ID	MM	457.2-609.6	457.2-609.6
IDLE SPEED	RPM	SERVO DRIVE MOTOR AS REQUIRED BY CUSTOMER	8
TORQUE	NM		360
PNEUMATIC MOTOR POWER	HP		2.2
AIR CONSUMPTION	CFM		65-70
AIR PRESSURE	BAR(Psi)		6 (90)
AIR HOSE CONNECTION	BSP		3/4"
ELECTRIC MOTOR POWER	WATT		-
VOLTAGE	VOLT		-
FREQUENCY	Hz		-
MAX NOISE LEVEL	dB		75