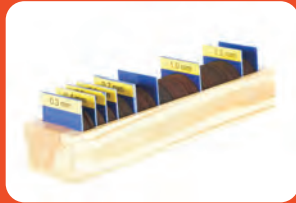




NG-STEEL RULE NICK-GRINDERS



GRINDING DISCS OPTIONAL ACCESSORIES FOR NG-NICK-GRINDERS



NG-95 ROTARY WASTE STRIPPING MACHINE



NOR-GRAPHIC LTD

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NOR-GRAPHIC STEEL RULE NICK-GRINDERS

Models for: PNEUMATICAL and ELECTRICAL OPERATION
STANDARD BASE-PLATE (70 X 70) cm. /-mod. "std." or
EXTENDED BASE-PLATE (150 X 140) cm. /mod. "ext"

A "MUST" FOR EVERY DIE-MAKER AND DIE-CUTTER

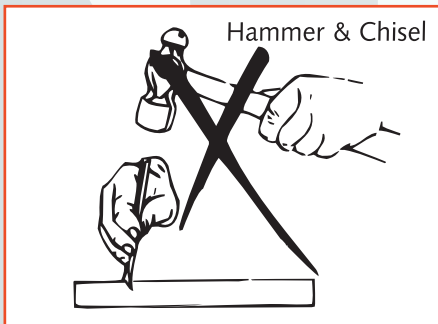


HANDY, COMPACT AND LIGHTWEIGHT DESIGN/
IDEAL FOR ONE-HAND OPERATION

In high speed die cutting presses nicking of the die is a "necessary evil" to hold the sheets together during the die cutting operation.

The NG-Nick-Grinder is designed to produce high quality nicks that will allow maximum die cutting speeds and at the same time minimize the unwanted effects of the nicking on the finished carton and subsequent waste stripping operation.

The NG-NICK-GRINDER REPLACES THE CONVENTIONAL METHODS OF NICKING BY MEANS OF:



These methods of nicking produce inferior quality "nicks" with low tensile strength at the risk of bending and deforming the cutting rule.

THE NG-NICK-GRINDER OFFERS A MORE SCIENTIFIC APPROACH TO STEEL RULE DIE NICKING

Makes standardization and precise control of the nicking operation possible –

- as: all "nicks" are ground to the same pre-determined widths and depths.

Improves the quality of the finished carton –

- as: the clean-cut, perpendicular "nicks" call for fewer and narrower "nicks" leaving a minimum of unwanted disfiguring marks on the finished carton blanks.

Improves carton accuracy and uniformity –

- as: the danger of bending or deforming the cutting rule is eliminated.

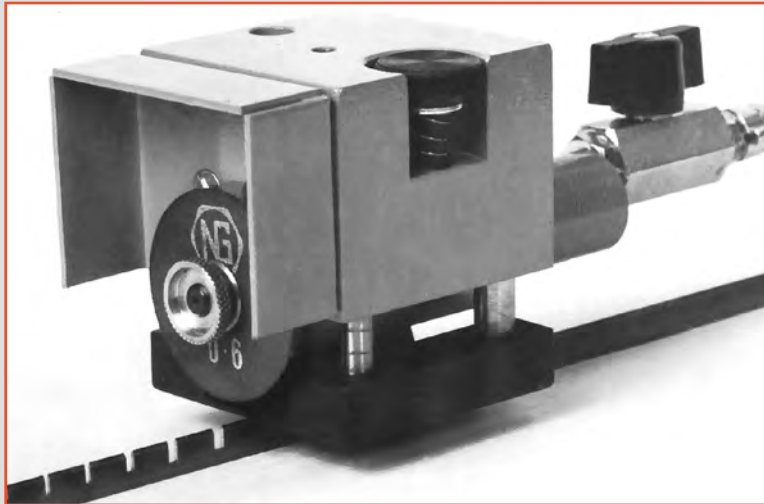
Increases productivity –

- as: "nicks" produced with the NG-Nick-Grinder ensures better sheet-release from the die in the die-cutting operation.

Higher production speeds are achieved –

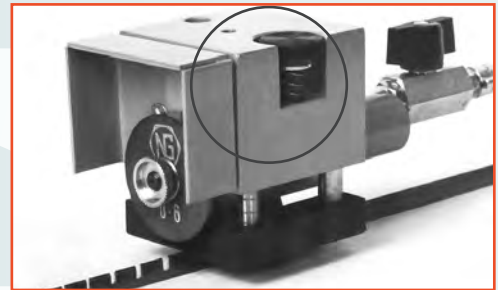
- as: the reduced amount of nicking considerably facilitates the waste stripping operation.

A HANDY HIGH-SPEED, ROTARY GRINDING TOOL PRODUCING PERFECTLY CLEAN, ACCURATE AND PERPENDICULAR "NICKS" TO PREDETERMINED AND CONTROLLED WIDTHS AND DEPTHS.



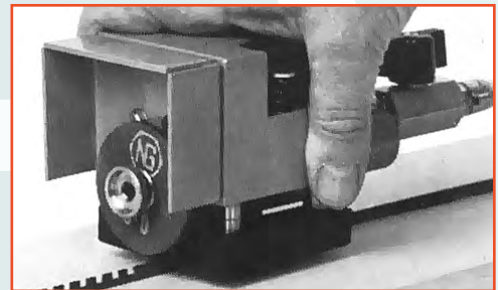
GRINDING DEPTH CONTROL

The grinding depth is accurately set by means of a micro screw.



PERFORATING RULE

By choosing the appropriate grinding discs and spacings, perforating rule may be made from standard rule.



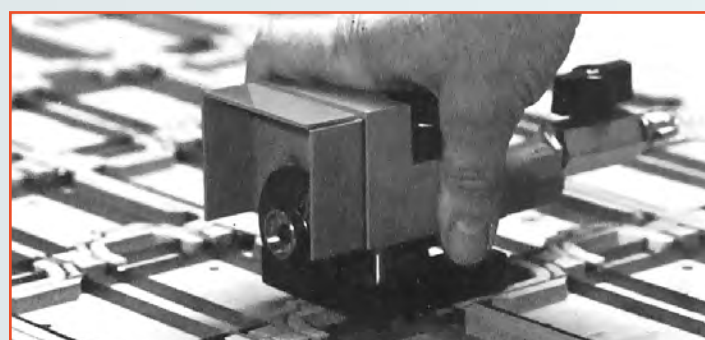
The grinding head moves smoothly on linear ball bushings along precision ground, hardened steel shafts.

Integral, wiper-type seals keep the steel shafts clean, and prevent grinding dust from penetrating into the linear ball bushings.

*Maximum accuracy is achieved as the wear and "play" between the grinding hear and steel shafts is reduced to a minimum.

* Smooth and easy slide action of the grinding head is guaranteed.

NICKING CAN BE DONE EITHER BEFORE OR AFTER RUBBERING UP THE DIE.





Mod. NG91 p/std.

pneumatically operated /standard base-plate 70x70 cm.

Mod. NG91 p/ext.

pneumatically operated /extended base-plate 150x140 cm.

- * Airmotor - type Lzb14 A190
- * Grinding head complete.
- * Airhose - 2.5m. with on/off-valve.



Mod. NG2000 p/std.

pneumatically operated /standard base-plate 70x70 cm.

Mod. NG2000 p/ext.

pneumatically operated /extended base-plate 150x140 cm.

- * Airmotor - type Lzb14 50 "ng"
The lowered position of the "off/center" shaft allows the grinding disc to be worn down to an outer diameter of 20,4 mm. Maximum utilization of the grinding disc is achieved.
- * Grinding head complete.
- * Airhose - 2.5m. with on/off-valve.



Mod. NG-E /std.

Electrically operated /standard base plate 70x70 cm.

Mod. NG-E /ext.

Electrically operated /extended base plate 150x140 cm.

- * Electrically drive motor-type: Minifix 230 or 110 volt, 50 cycles, 500 watt, single phase
- * Ouill - outer diameter: 16mm.
*- allows the grinding disc to be worn down to an outer diameter of approx. 20mm
 Maximum utilization of the grinding disc is achieved.*
- * Grinding head complete.
- * Flexible drive shaft - type: NA4 - complete..

GRINDING DISCS/ OPTIONAL ACCESSORIES

for NG-STEEL RULE NICK-GRINDERS

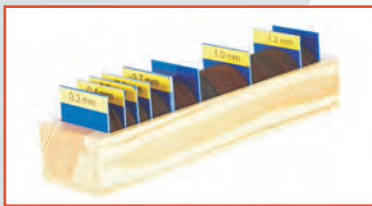


NG-GRINDING DISCS - (50X8) mm.

Outside diameter: 50mm – Bore: 8mm.
Special high-quality grinding discs – tested at 60.000 r.p.m.

Available in standard packs from 0.3mm to 6.0mm.

Standard packs of 100 pcs: 0.3, 0.4, 0.5, 0.6, 0.7, 0.8, 0.9, 1.0mm.
Standard packs of 50 pcs: 1.2, 1.4, 1.5, 1.6, 1.8, 2.0, 2.2, 2.5, 3.0mm.
Standard packs of 25 pcs: 4.0, 5.0, 6.0mm.



WOODEN BOX

- for storage of NG-grinding discs (50x8)mm.
- delivered with 10 pcs. neutral partitions.



SPECIAL RUBBER ATTACHMENT

The special attachment for corrugated or solid board allows setting of nicks without damaging the rubbering by pressing it down.

- * NG-spatt 15 –for/ CARTON -wood 15 mm thickness.
 - * NG-spatt 18 –for/ CORRUGATED BOARD -wood 18 mm. thickness
- delivered complete with screws and special metal guard /-prepared to insert the attachment.



GRINDING DISC CENTERING GUIDE

The base plate of the Ng-nick-grinder are already prepared for a possible retrofit of the grinding disc centering guide by means of 2 drilled and tapped 3 mm holes.

- * The “^”-shaped slot of the centering guide will precisely center the grinding discs to the cutting rule.
 - * A greater part of the grinding disc may be utilized as it will always penetrate the cutting rule at its vertical center-line.
 - * The centering guide will keep the grinding head more steady on the cutting rule during the grinding operation.
 - * IMPROVED CONTROL OF THE GRINDING DEPTH IS ACHIEVED.
- delivered complete with 2 socket head screws.



HOLDER

With its handy and compact design the the practical holder may be conveniently located on the die-cutter or in the die-room.

- * Easy to get hold of/
- * Always ready for use



SILENCER

- to be mounted adjacent to the valve at the exhaust-air outlet of the airmotor – (-for NG-Nick-grinders – pneumatically operated models.



NG-ROTARY WASTE STRIPPING MACHINE

Mod. "NG95" -pneumatically operated-

HANDY, COMPACT
AND LIGHTWEIGHT DESIGN



POWERFULL MACHINE FOR TOUGH INDUSTRIAL APPLICATION

NG-ROTARY WASTE STRIPPING MACHINE



Mod. "NG95" -pneumatically operated-

- OUTSTANDING PULLING POWER
- BEVELLED ANGLE HEAD FOR IMPROVED ACCESS
- MODERN DESIGN ON ERGONOMIC PRINCIPLES
- INSULATED HOUSING AVOIDS COLD HANDS
- EFFICIENT SILENCING
- EXHAUST AIR TO THE REAR THROUGH AIR EXHAUST HOSE
- ROBUST SPINDLE BEARINGS
- SAFETY LEVER THROTTLE
- STRIPPING WHEEL GUARD WITH TRANSPARENT SHIELD FOR ADDEDD SAFETY



ROTARY STRIPPING ACTION

The die cut waste is removed from the load by means of a rotary stripping wheel running at a speed of 6.000 r.p.m.

The grooved friction areas of the rotating stripping wheel will catch the individual waste cuts and not pulls them out in a continious stream as the stripping head is guided down the load.

- * REDUCED MAKE-READY TIME
- * SAFER PASSAGE OF THE SHEETS THROUGH THE DIE-CUTTER
- * HIGHER PRODUCTION SPEEDS
- * REDUCED AMOUNT OF "NICKING" REQUIRED



NORWAY



About Norway:

Location: Norway is located in Northern Europe, bordering in North Sea and the North Atlantic Ocean, west of Sweden.

Form of Government: Constitution Monarchy

Head of State: His Majesty King Harald V of Norway.

Population: Approx. 4.605.000

Capital: Oslo

Language: Norwegian

Total Area: The Kingdom of Norway: 385,155km².

Religion: Church of Norway (Evangelical Lutheran)



Please contact our dealer in your area:



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