

PHOENIX CONCEPT™  
- A NEW VALUE FOR  
EXISTING MACHINERY

BENEFITS:

- PM CONVERSIONS OPPORTUNITIES (newsprint into containerboard / tissue or heavy into lighter containerboard grades)
- CAPACITY INCREASE up to 25%
- PAPER PROPERTIES improvement
- UP TO 50% investment cost savings
- Production line RELOCATION POSSIBILITIES



Main Features:

- Precise calculation
- On site measurement
- Scheduling
- Design of the new equipment (tailor made solutions)
- Manufacturing of new core technological units
- Pre-Assembly at PMP facility
- All necessary tests
- Transportation to the mill site
- Adjustment
- Optical alignment and erection at site
- Engineering commissioning
- Technological start-up and post start-up assist
- PM/TM relocations
- PM/TM profile change

Sample references:

Customer:	Scope of supply:	Project goals:
Confidential, United Kingdom	PM transfer & rebuild (including new Intelli-Nip® Shoe Press), supply, refurbishment, erection and commissioning services	Production profile modification (based on relocated machine), reduction of investment costs, combining new technological elements with refurbished parts
Smurfit Cartón y Papel de México, S.A. de C.V. Molino, Los Reyes, Mexico	Hydraulic Headbox Intelli Jet V® with CP, wire modification, IBS dewatering elements, press rebuild (Intelli Tri-NipTM), dryer and pre-dryer section rebuild, size-press rebuild, tail threading upgrade, mechanical drives	Increasing capacity to 170 000 t/a, product portfolio widening (fluting/liner)
SFT, Aleksinskaya Paper and Board, Russia	Second-hand PM refurbishment, wet-end rebuild, Intelli-Jet V® Hydraulic Headbox, Intelli-Nip® Shoe Press, Intelli-SizerTM Metering Size Press, dryer section modernization	Production profile modification (based on relocated machine), reduction of investment costs, combining new technological elements with refurbished parts
Niederauer Muhle GmbH, Germany	PM transfer & rebuild (Press section rebuild, minifourdrinier + Intelli-Jet V® top headbox, bot-tom wire extension, two new dryer groups, new Intelli-Reel®)	Production profile modification, reduction of investment cost, combining new technological elements with refurbished parts