



TSI-4

FEATURES & BENEFITS

WWW.INTIMUS.COM



GENERAL FACTS



- Volume: Up to 15.000 inserts/month
- Speed: Up to 2.200 inserts/hour
- Models: 4 configurations



■ Green aspects

- Due to the urgency of the project and time to market's importance, the core of TSI-4 is equivalent as it's predecessor. There is no change in that respect. For instance, TSI-4 does not have auto stand by mode
- As such, the **TSI-4 is not eligible** for the  label
- However, some specific “green aspects” are worth communicating to emphasize the manufactures commitments to decrease the environmental footprint



■ Green aspects (cont)

- The recyclability of TSI-4 is at least 85%, this means that at least 85% in weight of the product can be recycled at the end of life





4 CONFIGURATIONS



- TSI-4 1 station, 1.5 stations and 2 stations have the same dimensions
- TSI-4 2.5 stations feed tower is higher than the other models
- There is a configuration for every budget

A0091515

A0091505 OMR



1 station

A0091502



1.5 stations

A0091503



2 stations

A0091504



2.5 stations



KEY SELLING FEATURES



HIGH FLEXIBILITY

- | | |
|-----------------------------|---|
| ▪ flexFeed | Any size of document from any document feeder |
| ▪ Accumulate before folding | Always a nested set |
| ▪ powerFold | Up to 5 sheets in 1 set |
| ▪ Up to 15 jobs | Perfect fit for multi-users environment |

MAXIMUM EASE OF USE

- | | |
|-------------------------|---|
| ▪ Color touch screen | Modern look & feel & intuitive GUI flow |
| ▪ Load'n Go (automatic) | The system sets itself |
| ▪ Easy loading | Designed for right handed operators |
| ▪ Silent processing | User friendly |



KEY SELLING FEATURES



HIGH SECURITY

- Secure'n Feed
- Optical Mark Recognition

Electro-mechanical thickness detection
Several levels from most simple to maximum security

HIGH PRODUCTIVITY

- Up to 2200 env/hour

22 times faster than by hand

HIGH RELIABILITY

- Proven technology

The most reliable inserter on market

F&B - ALL DETAILS



Productivity



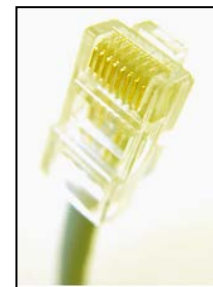
Ease of use



Security



Flexibility



Connectivity

GENERAL

F&B MENU



PRODUCTIVITY



- Input
- Throughput
- Output

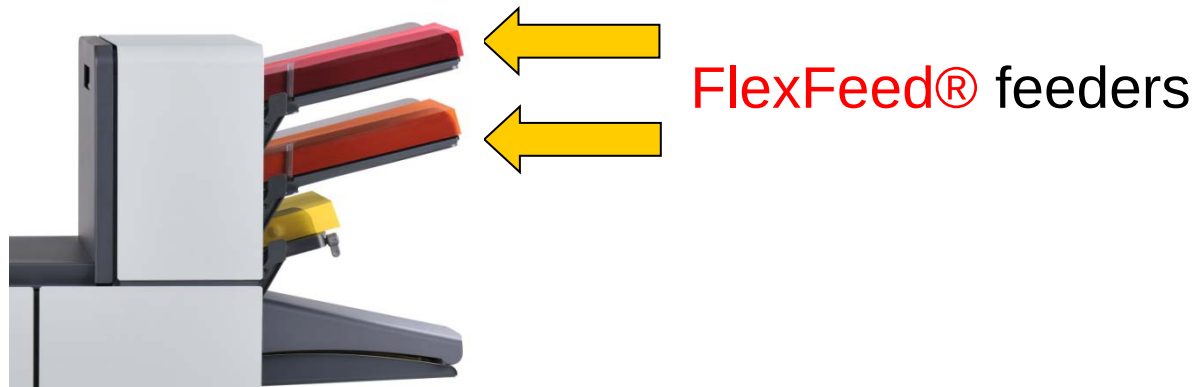




INPUT



- **FlexFeed®** feeders: 1 or 2 feeders possible
- Max length of document: 14" / 356 mm
- MultiSheet: up to 3 (Counting mode or 5 with OMR)
- Capacity: 325 sheets (80gsm)
- Daily Mail: on all models (Top Feeder)





BENEFITS

- Easy to switch applications
- Suitable for small runs
- Handling different textures of paper from 60gms to small booklets (1mm Max)
- Handling different document sizes and order, all with one type of Feeder. No need to buy or switch to extra hardware or software
- Satisfying the need for more creative applications.
- Expand business opportunities



INPUT

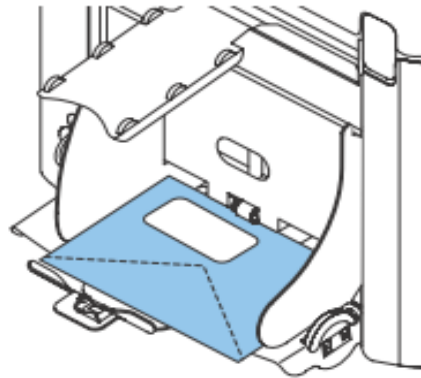


- **DAILY MAIL RIGHT HANDED** available from upper feeder on all configurations





- Envelopes loading from top
- Envelopes capacity: 150
- Envelopes length: 90-162 mm/ 3.6"-6.4"
- Envelopes width: 160-248 mm/ 6.3"-9.8"
- Envelopes separation adjustment provides flexibility on envelopes thickness

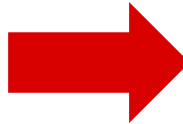




- Envelopes are fed from the bottom, this enables loading on the fly
- Side exit left enables easier reloading envelopes on the fly



Loading on the fly *



Loading on the fly ***

BENEFITS

- Envelop loading on the fly makes continuous run possible to maximise productivity



THROUGHPUT



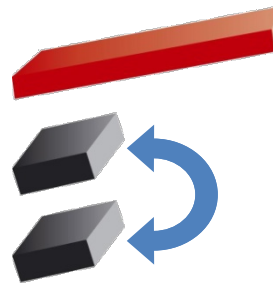
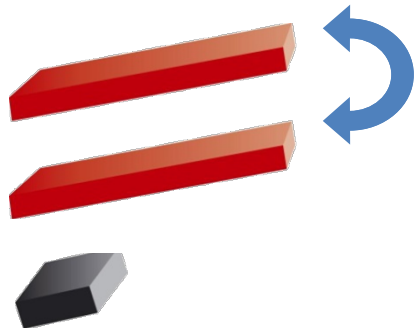
- Up to 2200 envelopes per hour (fold only)

Material	Speed (envelopes/hour)
Envelope C5/6	
1 x A4	2100 (FE2)
2 x A4 (multiple sheets-one feeder)	1500 (FE2)
3 x A4 (multiple sheets-one feeder)	1080 (FE2)
1 x insert 100 mm	2100 (FE1)
Envelope # 10	
1 x 11"	2100 (FE2)
2 x 11"	1500 (FE2)
3 x 11"	1080 (FE2)
1 x insert 99 mm	2100 (FE1)
Envelope C5	
1 x A4	1920 (FE2)
2 x A4 (multiple sheets)	1440 (FE2)
3 x A4 (multiple sheets)	1080 (FE2)
1 x insert A5	1860 (FE1)



FEEDER SWAP (CASCADING)

- An empty feeder can be re-loaded while the TSI-4 is feeding from another one
- Valid for document of same length





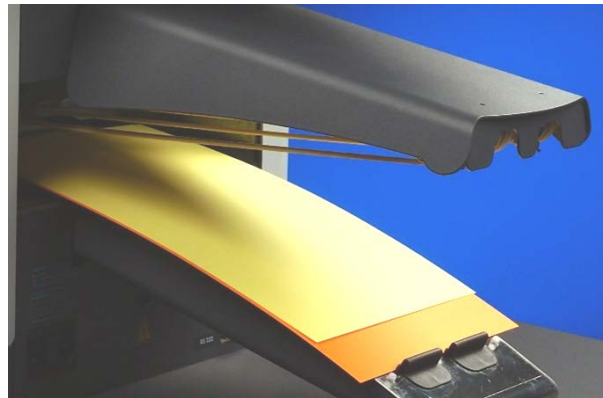
BENEFITS FEEDERS SWAP

- Reloading on the fly
- Reduces machine stopages due to empty feeder
- Maximises productivity, no matter how small the run



The TSI-4 accumulates before folding

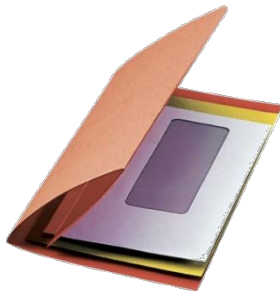
- This enables to gather all documents before folding
- Up to 5 sheets can be grouped





BENEFITS

- All documents stay in the right order
- Provides a professional looking mail piece
- All document come out of the envelop together, the customer won't miss a document (no document will stay behind)
- Less risk for crashes in the inserter area (vs. accumulating in the envelope)





THROUGHPUT



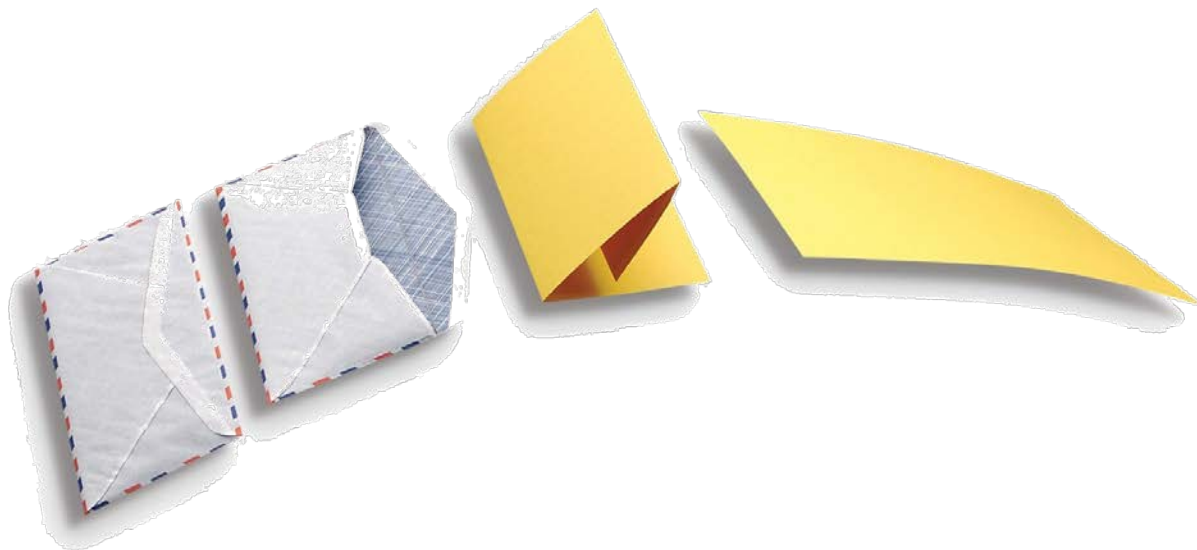
- PowerFold® folding technology inside (knives technology)
- Folds up to 5 pages
- Processes sets of varying paper sizes and assembly order
- Set thickness up to 2 mm
- Makes a crisp fold





BENEFITS

- The most silent way of automatically folding
- The sharp fold result in a professional looking Mail Piece
- Easy access to document in case of jams (versus plate technology)

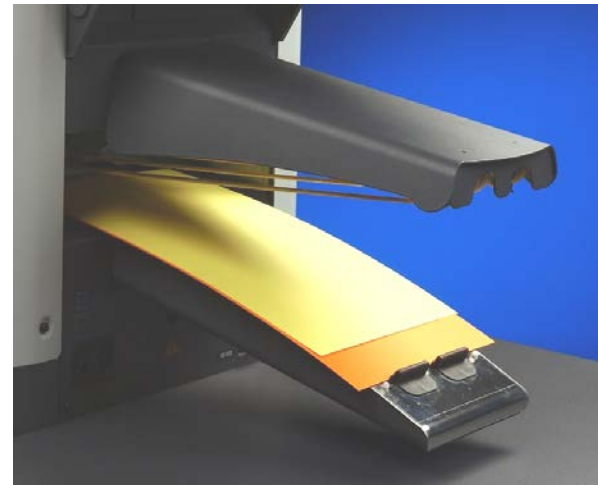




THROUGHPUT



- The TSI-4 has a full accessible paper and envelop path





BENEFITS

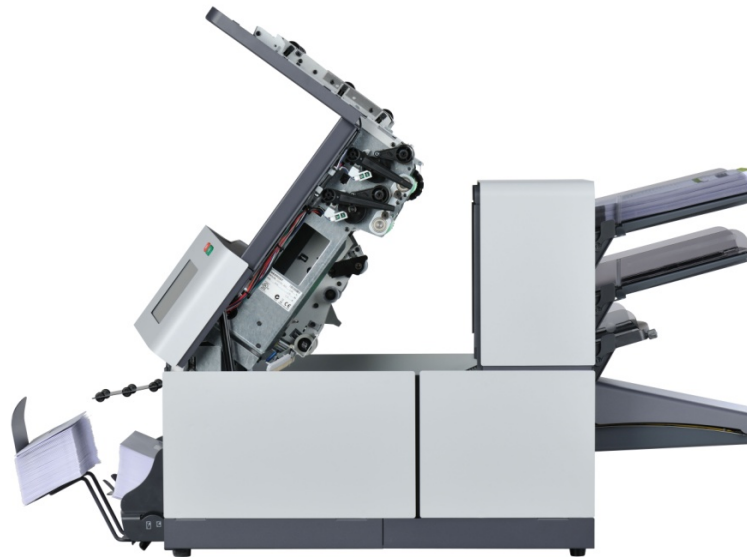
- Display indicates the location of the stoppage
- If a stoppage occurs, this can be easily solved
- Maximising up-time
- Reduces stress for the operator



THROUGHPUT



- Because of the clam shell design the TSI-4 fully opens from feeders to exit



BENEFITS

- Better access to all paper path & documents in case of jams
- Documents are not heavily damaged



OUTPUT



- 3 possible exits
- Connecting a Conveyor Stacker is not possible



1. Catch Tray



2. Side Exit LH



3. Side Exit RH



BENEFITS SIDE EXIT

- Maximises the stack capacity for output
- Less operator handling needed
- Makes connection to a Franking machine possible



EASE-OF-USE



- Color touch screen
- Intuitive GUI flow
- New load'n Go



COLOR TOUCH SCREEN



BENEFITS

- Modern look & feel
- Intuitive GUI flow
- Maximum ease-of-use; only 2 buttons to operate!
- Full colour touch screen

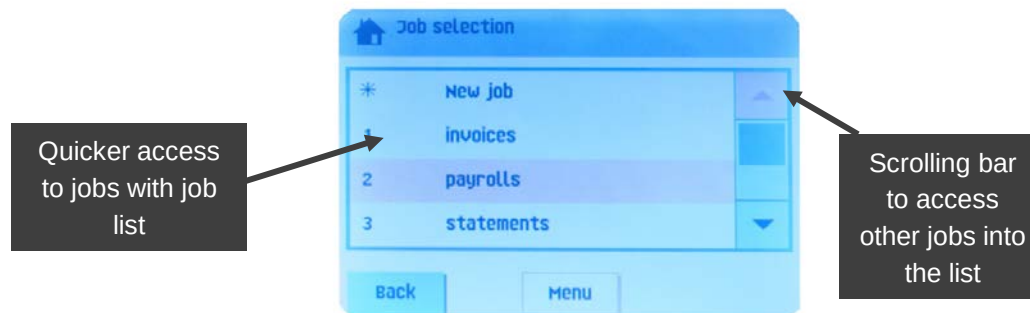




COLOR TOUCH SCREEN



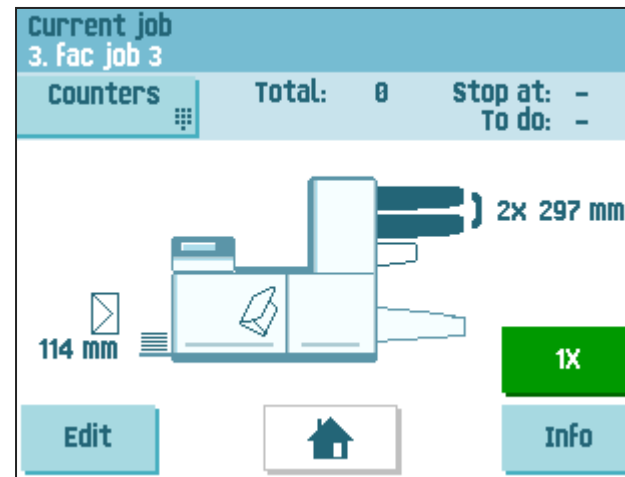
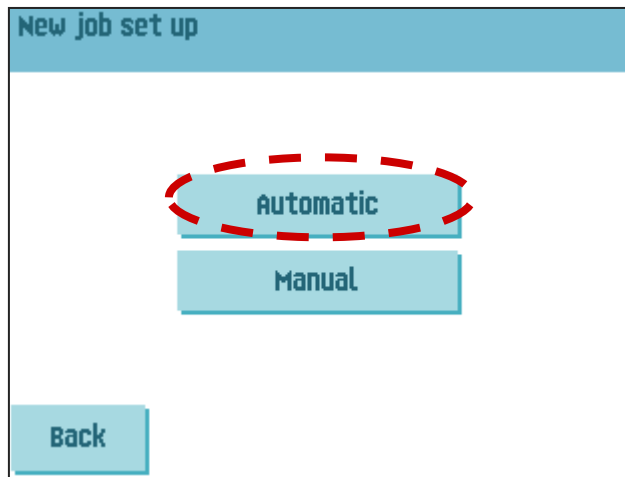
- Enhanced graphical touch screen
 - The TSI-4 is the only inserter to offer such a comfortable GUI in that segment
 - Quick access to the jobs
 - Modern look & feel
 - Information delivered is ranked according importance for the user (less technical information at first level, i.e. envelope stop position now in sub menu)



INTUITIVE GUI FLOW



- The system offers a wizard for a more intuitive job settings.
 - Key & comprehensive questions are delivered to the user



BENEFITS

- This facilitates end users comprehension & reduce service calls for assistance



NEW LOAD'N GO PROCEDURE



- New load'n Go
 - The load'n Go procedure is now introduced via a more comprehensive “new job” section
 - Clear instructions on how to proceed are delivered for better understanding





EASE OF USE IMPROVEMENTS



BENEFITS

- Load'N go more comprehensive & demonstrative
- Maximum ease-of-use; only 2 buttons to operate!
- Better look & feel
- Thanks to its new screen & GUI flow, TSI-4 fit even better in multi-users environments





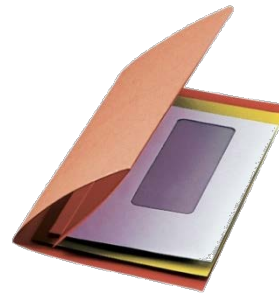
- Mail integrity
- Secure'N feed Double detection
- OMR solutions



MAIL INTEGRITY



- **Power Fold technology** enables all documents to be folded together
- Inserts are nested



BENEFITS

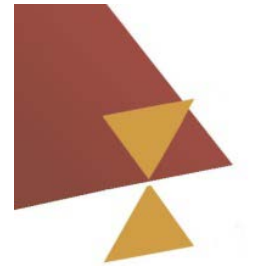
- *No risk to have documents left in the envelope*



SECURE'N FEED DOUBLE DETECTION



- **Secure 'N Feed** on every feeder by electromechanical thickness detection
- Length control of paper and envelopes



Note: the Double Document Detection is placed at the left side of the paper track.



SECURE'N FEED DOUBLE DETECTION



BENEFITS Secure 'N Feed

- Electromechanical measurement is the most reliable way of thickness detection
- It works with any colour or thickness
- It will not stop the system on 'thick' ink from the printer or 'smudges' on the paper, unlike light based detection
- This means less stops and more productivity



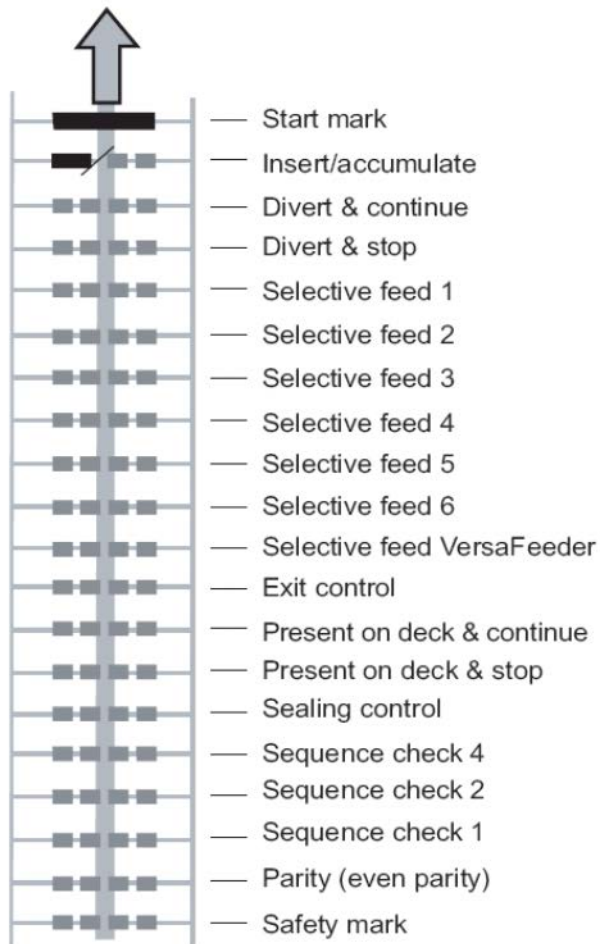
OMR SOLUTIONS



- On TSI-4 2.5 stations only + TSI-4 1 Station OMR Special
- OMR Basic & OMR Advanced
- Multi-sheet up to 5 sheets
- Possible to upgrade 2.5 Station :
 - in the field
 - at a later date



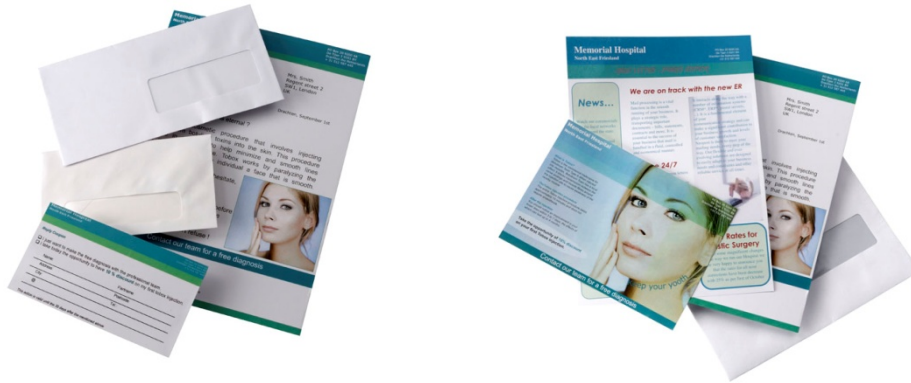
OMR BASIC & Advanced functions



OMR Function	Reading package	TSI-4	TSI-5
Start	Basic	+	+
Insert/Accumulate		+	+
Parity		+	+
Safety		+	+
Selective feed	Advanced	+	+
Divert & Continue		-	-
Divert & Stop		+	+
Sequence		+	+
Insert Exit		-	-
Present on deck		-	-
Sealing control		-	+



FLEXIBILITY



- FlexFeed® Feeders
- Short feeder
- Daily mail



FLEXFEED® FEEDERS



- **FlexFeed®** feeders: 1 or 2 feeders possible
- Max length of document: 14" / 356 mm
- MultiSheet: up to 3 (or 5 with OMR)
- Capacity: 325 sheets (80gsm/20lb)
- Daily Mail: on all models (Top Feeder)



FlexFeed® feeders



BENEFITS

- Easy to switch applications
- Handling different textures of paper from 60 gsm to small booklets
- Handling different document sizes and order, all with one type of Feeder. No need to buy or switch to extra hard- or software
- Satisfying all needs for regular transactional mail or direct marketing applications



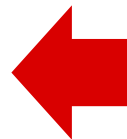


SHORT FEEDER



- Number of Short Feeders: 1 (with 1.5 and 2.5 stations)
- Max length of document: 6" / 156 mm (A5)
- Capacity: 45 BRE's / 325 inserts 80gsm

Note: short trays are still optional for FlexFeed® Feeders for better accessibility of loading



Short feeder



SHORT FEEDER



BENEFITS

- Easy (re)loading of short documents
- Easy to switch applications
- Handling different textures of paper from 60gms to glossy enclosures and BRE's
- Price attractive option if the customer only needs to add a small inserts or BRE to the mail set



- The TSI-4 enables manual feeding of up to 5 documents (80gr) from upper feeder





BENEFITS

- Easily handling of mail application with variable content
- Perfect solution for low volumes mail runs and when OMR implementation is a show stopper



- Insert'n Frank



INSERT'N FRANK/MAIL



Optional on all models:

- MS- 300/400/500

Level 1: mechanical connection

- MS- 500

Level 2: start/stop functionality (FCS country dependant-> MS software)

BENEFITS

- 2 tasks in 1 go; save time, save money!



THANKS FOR YOUR AUDIENCE.