



trüper™

The exceptional, fast-producing, ready-for-duty scanner.

**Trüper: Speeding To The Top of Its Class** The low volume production scanner segment just got a little faster. Trüper's unique combination of image quality, duty cycle and speed make it an attractive option for service bureau overflow, busy office environments and businesses with exception document scanning needs. With flatbed plus rotary, or rotary-only models, Trüper can meet your diverse scanning needs.

**Small Footprint, Easy to Use**

With its small footprint and rotary style paper handling, Trüper 3600 fits in small spaces and delivers an easy to use front end to any scanning application.



**Productive**

Ultrasonic Multifeed Detection catches double-feeds automatically so rescanning is not needed  
**Lower total cost of scanning**

**Exceptional**

Nearly double the duty cycle of other scanners in its class  
**10,000 scans per day**

**Fast-Producing**

One of the highest scanning speeds in color, bitonal and grayscale  
**62 pages per minute**



**Handles Fragile and Odd Sized Documents**

With the flatbed model, exception documents are no problem. Scan fragile records, bound documents and odd sized documents.

**In addition to delivering the best of breed scanning technology and bundled feature sets – including VRS 4.0 Plus, Ultrasonic Multifeed Detection and Advanced Color Dropout – Trüper also delivers industry-leading value. Trüper increases scanning productivity and reduces the total cost of scanning, all at an affordable price. Whatever your scanning needs, Trüper helps you get it done faster and more efficiently. Trüper and Böwe Bell + Howell. Always adding value.**



**VirtualReScan 4.0 Plus:  
A Feature Bundle That  
Saves You a Bundle**

With VRS 4.0 Plus, Trüper dramatically decreases document preparation time through its many efficiency enhancing features. Combining these features with high quality images and a high duty cycle makes Trüper an obvious choice for today's document management applications.

With Auto Color Detect, Blank Page Deletion and Auto Rotation included with VRS 4.0 Plus, you can reduce manual steps and operator intervention. These features produce measurable savings reducing the total cost of scanning.

**Auto Color Detect:  
Mix Color and Bitonal**

With Auto Color Detect, Trüper automatically senses color and bitonal documents. Auto Color Detect allows you to eliminate sorting documents by color, saving you time and effort in document preparation.

**Auto Rotation:  
Mix Landscape and Portrait**

Auto Rotation automatically adjusts the scanned documents, and displays them "right side up" as they are normally read. Auto Rotation reduces document preparation requirements, interruptions and operator intervention.

**Blank Page Deletion:  
Save File Size and Money**

With Blank Page Deletion, Trüper automatically detects and deletes blank pages when scanning in duplex mode. Blank Page Deletion reduces both scanned file size and document preparation requirements.

**High Quality Images**

Trüper delivers great image quality for today's document management solutions. Whether you scan barcodes, forms, invoices or patient records, you can be assured that a Trüper scanner will accurately and efficiently capture your image.

**Duty Cycle: Volume When You Need It**

Trüper's daily duty cycle of 10,000 pages per day sets the standard for low volume production scanning. You can be assured that Trüper will handle your needs for both ad-hoc scanning as well as production scanning in peak times.

**Speed:  
62 Pages Per Minute (PPM)**

In Color, Bitonal and Grayscale, Trüper provides accelerated throughput that ranks at the top of its production scanner class.

**Ultrasonic Multifeed Detection  
With Multifeed Ignore:  
Minimizes Rescans and Catches  
Multifeeds**

Developed by Böwe Bell + Howell, Trüper uses Ultrasonic Multifeed Detection technology to catch unintentional multifeed documents. For documents where a multifeed is necessary, such as envelopes, or pages with photographs or sticky notes, Trüper can be set up to allow those documents through. The Multifeed Ignore feature reduces the need to separate documents, thereby reducing rescans and document preparation time.

**USB 2.0:  
Drives Higher Speed Throughput**

Included with Trüper is USB 2.0, affording easy installation and accelerated document scanning throughput.

**Flatbed Plus Rotary and  
Rotary-only Models**

Trüper now comes in two models to meet your scanning needs, a rotary only model, Trüper 3600 and a flatbed plus rotary model, Trüper 3200. For scanning applications that include exception documents, choose the Trüper 3200. For instances where no exception documents need scanning, choose the Trüper 3600.

**Advanced Color Dropout:  
Optimized Forms Processing**

Users have the additional option of dropping out one or more color backgrounds simultaneously, on either side of a given document, while still capturing all color information in the foreground of the electronic image. Trüper's exceptional image quality provides improved OCR/ICR accuracy and barcode/patch code sensitivity, making it an excellent choice for healthcare, insurance, banking, law and government forms processing applications.

**User-Replaceable Parts:  
Reduce Service Calls**

With easy to change and easy to clean parts, ongoing maintenance can be handled by Trüper users. This reduces the number of service calls required to maintain your scanner's health. Both models use the same consumable kits, quickly eliminating the need to stock multiple kits for multiple scanners.

**Wider Automatic Document Feeder:  
Accepts Larger Documents**

Trüper's expanded document feeding capacity accommodates broader and over-sized "exception" documents cleanly and seamlessly. The expanded width also improves image crop and deskew in conjunction with the included VRS.

**Trüper 3200 Exception Scanning & High  
Duty Cycle For Its Class: A Unique  
Combination**

With the versatility to scan exception documents using its flatbed capability and the durability to deliver proven day-in, day-out duty cycles up to 10,000 documents – nearly double the industry average – Trüper 3200 truly offers the best of both worlds.

**Birth Certificate**  
Protects fragile, old or  
delicate forms



**Bound Documents**

Creates images from bound documents, such as the atlas pictured below





**trüper™**  
3200

**trüper™**  
3600

Scanning Mode		Simplex, Duplex and Flatbed		Simplex and Duplex	
Scanning Method		Direct CCD (charge coupled device), Xenon Lamps			
Scanning Speed Letter Size Portrait	Binary 200 dpi	Simplex 62 ppm (pages per minute) Duplex 106 ipm (images per minute)			
	Color 200 dpi	Simplex 61 ppm Duplex 106 ipm			
Resolution		Binary or Grayscale: 100-600 dpi (dots per inch) Color (with VRS): 100-400 dpi, Optical: 600 dpi			
Output Options		Bitonal, Grayscale (8 bit), and Color (24 bit)			
Image Enhancement		 VRS 4.0 Plus features include Auto Cropping, Deskew, Auto Brightness, Contrast Control, Auto Color Detect, Auto Rotation and Blank Page Deletion (Trüper 3600 with VRS 4.0 Standard features include Auto Crop, Deskew, Auto Brightness and Contrast Control)			
Document Size	Flatbed	Approximately 11.7 x 17 in. (297 x 432 mm for Trüper 3200 model only)			
	ADF	Scanning Size: Approximately 1.9 x 2.8 in. (48 x 70 mm) to 11.9 x 25 in. (302 x 635 mm)			
Paper Thickness (ADF)		2.0 to 5.9 mils (0.05 to 0.15 mm) Note: 1 mil = 1/1000 in.			
Paper Weight (ADF)		10.6 to 34 lbs. (40 to 127 g/m <sup>2</sup> )			
Feeder Capacity		200 Sheets of 17 lbs. (64 g/m <sup>2</sup> ) paper			
Scanner Size		30 x 20 x 11.4 in. (76 x 51 x 29 cm) Note: When the document cover is open, height is 22 in. (56 cm)		18.9 x 17.3 x 11.4 in. (48 x 44 x 29 cm) Note: When the document cover is open, height is 22 in. (56 cm)	
Scanner Weight		64 lbs. (29 kg)		47 lbs. (21 kg)	
Interface		USB 2.0 enhanced (cable included) or SCSI III (50 pin)		USB 2.0 enhanced (cable included)	
Power Requirements		AC 100 - 120 V, 50/60 Hz	AC 220 - 240 V, 50/60 Hz	AC 100 - 120 V, 50/60 Hz	AC 220 - 240 V, 50/60 Hz
Power Consumptions	Maximum (Scanning)	1.5 A	0.7 A	1.4 A	0.6 A
	Minimum (Standby)	0.6 A	0.3 A	0.6 A	0.3 A
	Sleep Mode	8 W	8 W	8 W	8 W
Environment	Operating Temperature and Humidity	Temperature 59°F to 86°F (15°C to 30°C) Humidity: 30% to 80% RH			
	Storage Temperature and Humidity	Temperature 32°F to 95°F (15°C to 35°C) Humidity: 10% to 80% RH			
Additional Features		End User Replaceable Feeder Rollers, Advanced Color Dropout, Switchable Background, Ultrasonic Multifeed Detect with Multifeed Ignore, Bar Code Recognition (VRS 4.0 Plus), MultiStream™ (Direct ISIS only)			
Additional Contents		Power Cord, USB 2.0 Cable, Roller Cleaning Kit, CD-ROM (Operation Manual, VRS, User Utility Software), Printed Documents (Quick Installation Checklist)			
Bundled Software		VCDemo, QuickScan™ Pro Demo Software			
Consumable and Accessory Options		S005504 Roller Cleaning Kit (Same as the Kit for Sidekick), S006043 Roller Exchange Kit, 0123030 Imprinter Kit, S005506 Imprinter Kit Cartridge (Same as the Kit for Sidekick), S006047 Shading Paper, S006049 Blower Accessory, S006110 Memory Upgrade Kit			
Imprinter Features		Pre-Scan, Front Page, 62 Characters			
Model Numbers		0103540 – VRS 4.0 Plus		0103550S – VRS 4.0 Standard 0103550P – VRS 4.0 Plus	
Model Numbers (CE Certified)		0103541 – VRS 4.0 Plus		0103551S – VRS 4.0 Standard 0103551P – VRS 4.0 Plus	

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