Kodak Trūper

Series Scanners

**Exceptional.
Fast producing.
Ready for duty.**

Small footprint, easy to use

With its small footprint and rotary style paper handling, the **Trūper** 3610 Scanner fits in small spaces and delivers an easy-to-use capture platform for any scanning application.

Trūper 3610 Scanner

Productive

Ultrasonic Multi-feed Detection catches double-feeds automatically.
Minimise rescans

Exceptional

A duty cycle to meet your volume needs.
Up to 15,000 scans per day

Fast producing

High scanning speeds in colour, black-and-white and greyscale.
Up to 90 pages per minute

Trūper 3210 Scanner

Handles fragile, bound, odd-size and long documents

With its built-in flatbed, the **Trūper** 3210 Scanner handles exception documents with ease.

In addition to delivering outstanding scanning technology and bundled feature sets – including **VRS** Professional, Ultrasonic Multi-feed Detection and Advanced Colour Dropout – **Trūper** Scanners also deliver real-world value. The combination of high productivity and affordable pricing makes this series the obvious choice for reducing the total cost of scanning.

> Speedy prep time

Auto Colour Detect: no problem mixing colour and black-and-white documents

With Auto Colour Detect, **Trūper** Scanners automatically sense the difference between colour and black-and-white as documents are scanned, and accurately capture the original images. Auto Colour Detect allows you to eliminate sorting documents by colour, saving you time and effort in document preparation.

Auto Orientation: no problem mixing landscape and portrait documents

Auto Orientation automatically displays scanned images "right side up" as they are normally read. Auto Orientation reduces document preparation, scanning interruptions and operator intervention.

Blank Page Deletion: save file size and money

With Blank Page Deletion, **Trūper** Scanners automatically detect and delete blank pages when scanning in duplex mode. Blank Page Deletion reduces scanned file size and document preparation.

User-replaceable parts: reduce service calls

With easy-to-change and easy-to-clean parts, ongoing routine maintenance can be handled by scanner users. This reduces the need for service calls and allows you to boost scanning efficiency. Both **Trūper** models use the same consumable kits, which eliminates the need to stock multiple kits for multiple scanners.

Long and very long document scanning

The long document handling feature is end-user selectable and requires no additional IT support. It's easy to switch between standard-length and long-length document scanning. Users can convert very long documents like fetal monitoring strips and electrocardiogram (EKG) strips into sharp, digitized images, which are automatically rendered into image segments that are 254 cm long. This technology eliminates the labour-intensive process of cutting long documents into measured sections or mounting them on standard-size sheets prior to scanning.

With **Kodak Trūper** Series Scanners, the low-volume production scanner segment just got a little faster. The **Trūper** Scanners' unique combination of image quality, duty cycle and speed makes them 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, the **Trūper** Scanners can meet your diverse scanning needs.

>Fast producing

Speed: up to 90 pages per minute (ppm)
For colour, black-and-white and greyscale scanning, **Trūper** Scanners provide accelerated throughput.

Duty cycle: volume when you need it
The daily duty cycle of 15,000 pages gives you the capacity to handle all your volume needs, from ad-hoc scanning to peak production workloads.

USB 2.0: drives higher image transfer speed
Trūper Scanners have a USB 2.0 interface for easy installation and accelerated transfer of scanned images to the host computer.

Ultrasonic Multi-feed Detection with Multi-feed Ignore: minimises rescans and catches double-feeds
Trūper Scanners feature Ultrasonic Multi-feed Detection technology to catch unintentional multi-feeds. For envelopes, or for documents containing sticky notes, the Multi-feed Ignore setting allows them to scan without triggering a multi-feed. This setting effectively reduces rescans and document preparation time.

Automatic Document Feeder: greater capacity for more documents
The ADF's 200-sheet capacity increases your batch scanning options and helps maximise your productivity. In addition, the document guides in the feeder area are lockable and can be positioned independently, to maximise feeding flexibility.

Flatbed plus rotary and rotary-only models
Two models are available to meet your scanning needs – a rotary-only model, the **Trūper** 3610 Scanner; and a flatbed plus rotary model, the **Trūper** 3210 Scanner. For applications requiring the scanning of exception documents, choose the 3210 model. In the absence of exception documents, choose the 3610 model.

Wider ADF: accepts larger documents
The **Trūper** Scanners' document feeding capacity easily accommodates wider documents and oversized documents. The expanded feeder width also improves image cropping and deskew in conjunction with the included **VRS** application.

>High-quality images

Trūper Series Scanners deliver great image quality that meets the demands of modern document management solutions. Whether you scan bar codes, forms, invoices, patient records or EKG strips, you can be confident that **Trūper** Scanners will accurately capture your images and increase your OCR/ICR read rates.

The LED lamps are designed to last for the life of the scanner, and their bright light renders true illumination to enable accurate colour imaging.

VirtualReScan Professional: a feature bundle that saves you a bundle
With **VRS** Professional, **Trūper** Series Scanners dramatically reduce document preparation time through many efficiency enhancing features. The combination of efficiency, high-quality images and a high duty cycle makes **Trūper** Scanners an obvious choice for today's document management applications.

With Auto Colour Detect, Blank Page Deletion and Auto Orientation included with **VRS** Professional, you can reduce manual steps and operator intervention. These efficiencies can produce measurable savings and lower your total cost of scanning. The **VRS** application includes all the image processing tools required for the production scanning marketplace.

Very long documents— Scans documents of unlimited lengths.

Kodak Trūper Scanners

Scanning Mode	**3210**: Simplex, Duplex and Flatbed; **3610**: Simplex and Duplex
Scanning Method	Direct CCD (charge coupled device), LED lamps
Scanning Speed Black-and-White, Greyscale, Colour (A4, Landscape, 200 dpi)	Simplex 90 ppm (pages per minute); Duplex 180 ipm (images per minute)
Daily Duty Cycle	Up to 15,000 pages per day
Resolution	Optical: 600 dpi Black-and-White or Greyscale Output: 100–600 dpi Colour Output (with the VRS application): 100–400 dpi
Output Options	Black-and-White, Greyscale (8 bit), and Colour (24 bit)
Image Enhancement	**VRS** Professional features include Auto Cropping, Deskew, Auto Brightness, Advanced Clarity, Auto Colour Detect, Auto Orientation, Bar Code Detection and Blank Page Deletion
Interface	USB 2.0 enhanced (cable included)
Document Size	Flatbed: Approximately 297 x 432 mm for 3210 model only ADF: Scanning Size: Approximately 48 x 70 mm to 302 mm x unlimited (screen images are appended to 254 cm)
Paper Thickness (ADF)	0.05 to 0.15 mm (2.0 to 5.9 mils) Note: 1 mil = 1/1000 in.
Paper Weight (ADF)	40 to 127 g/m^2
Feeder Capacity	200 Sheets of 64 g/m^2 paper
Scanner Size	3210: 76 x 51 x 29 cm; 3610: 48 x 44 x 29 cm
Scanner Weight	3210: 29 kg; 3610: 21 kg
Power Requirements and Consumption	220-240 VAC, 50/60 Hz Standby <3.5 W; Sleep Mode <27 W; Scanning <80 W
Environmental Factors	Operating Temperature: 15°C to 30°C Humidity: 30% to 80% RH non-condensing
Additional Features	Advanced Colour Dropout (up to six colours), Ultrasonic Multi-feed Detect with Multi-feed Ignore, Long and Very Long Document Handling, Switchable Background, Bar Code Recognition, End User Replaceable Feeder Rollers, **MultiStream** (Direct ISIS only), Direct TWAIN, Independently Adjustable and Lockable Document Guides
Additional Contents	Power Cord, USB 2.0 Cable, Roller Cleaning Kit, CD-ROM (Operator Manual, **VRS** Professional, User Utility Software), Printed Documents (Quick Installation Checklist)
Bundled Software	**Kofax** VCDemo, **Kofax** Scan Demo
Consumable and Accessory Options	Roller Cleaning Kit, Roller Exchange Kit, Imprinter Kit, Imprinter Kit Cartridge, Shading Paper, Blower Accessory, Memory Upgrade Kit, NCR Paper Cleaning Kit, Long Document Productivity Weight Kit
Imprinter Features	Pre-Scan, Front Page Imprinter, 62 Characters
Warranty*	12 months on-site, 3-4 business days response time
Warranty Enhancement*	36 months PerformancePlus on-site, 8hrs response time, consumables included**

Specifications are subject to change without notice. *There may be geographical limitations to the availability of Services. For full details please contact your Reseller of Kodak products or your local Kodak Service & Support organisation. ** Please see terms & conditions for PerformancePlus.

As an **Energy Star**® Partner, Eastman Kodak Company has determined that these products meet **Energy Star**® guidelines for energy efficiency.

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It's time for you **AND** Kodak