

ctp-platesetter  
**revolution 4**  
BASIC  
COMFORT  
PREMIUM

technical data/specifications of ctp-system revolution 4

| general specifications         | BASIC  | COMFORT      | PREMIUM      |
|--------------------------------|--|--------------|--------------|
| width                          | 1.240 mm   | 1.240 mm     | 1.240 mm     |
| depth                          | 520 mm   | 1.350 mm     | 2.150 mm     |
| height                         | 1.120 mm   | 1.400 mm     | 1.400 mm     |
| dimensions of cassette handler | –  | 850 x 770 mm | 850 x 700 mm |
| weight                         | 150 kg   | 270 kg       | 400 kg       |
| exposure specifications        | BASIC  | COMFORT      | PREMIUM      |
| laser source                   | 60 mW violet laserdiode, 405 nm  |              |              |
| exposing technology            | external drum  |              |              |
| minimum plate size             | 200 x 200 mm   |              |              |
| maximum plate size             | 630 x 745 mm   |              |              |
| plate material                 | violet sensitive plates based on fotopolymer or silver                               |              |              |
| technical specifications       | BASIC  | COMFORT      | PREMIUM      |
| point-to-point-precision       | 5 µm   |              |              |
| resolution                     | 2.540 dpi, opt. others   |              |              |
| RIP connection                 | 1-bit-tiff from any data source  |              |              |
| online-processing              | optional   | yes          | yes          |
| punch                          | plate is always aligned according to punch, plate punch can be specified by customer |              |              |
| plate handling                 | manual   | automatic    | automatic    |
| plates per cassette            | 0 plates   | 50 plates    | 200 plates   |
| number of cassettes            | 0  | 1            | 4            |
| slipsheet removal              | no   | yes          | yes          |
| working temperature            | 18 .. 28 °C  |              |              |
| humidity                       | 20 .. 80 %   |              |              |
| remarks                        | later infield upgradeable from BASIC to COMFORT or PREMIUM possible                  |              |              |

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**EASYgo**

Revolutionary easy handling.  
Plate loading and plate handling are controlled by the RIP-station (raster image processor).  
There are no complex displays or operating elements on platesetter.

**SAVINGSspace**

revolution 4 BASIC only needs 50 x 120 cm footprint.

**LOWcost**

Ctp-system revolution 4 is the most lowcost external drum platesetter of its class worldwide.  
So you reduce costs of investment without loss of quality and speed.



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## EASYgo

Plates are loaded easily on drum exactly according to the punching manually. During loading the RIP (raster image processor) controls plate handling. Therefore, no more indication or handling elements are necessary. You don't need any expensive and complicate retraining or qualified staff for your ctp-prepress.

**revolution 4 – revolutionary in its easy handling.**

## SAVINGSspace

Ctp-system **revolution 4** only needs minimal footprint. Due to its construction highest operability and productivity are combined on smallest space. Therefore, **revolution 4** does not take much footprint in your production hall as well as it gives room to move for your trade.

**revolution 4 – a revolutionary compact and functional method of construction.**

## LOWcost

Ctp-system **revolution 4** is the most lowcost external drum platesetter of its class worldwide. Following reasons make it possible:

- Use of violet laserdiodes, lowcost in investment and servicing,
- Use of violet sensitive fotopolymer plates,
- Completely organized firm structures of Laser Systems Hannover GmbH and its partners.

**revolution 4 – revolutionary in its price.**

## CLEVERworking

Controlling and working is done by a modern USB 2.0 interface. Therefore, data transfer is possible with up to 480 Mbits/s. So the RIP-station is able to control all production steps.

**revolution 4 – revolutionary in its cleverness.**

### SAFEproducing

Camera system QPT controls all defined quality demands during production.

## SAFEproducing

QPT (quality protector system) is our new camera system, controlling plate production.

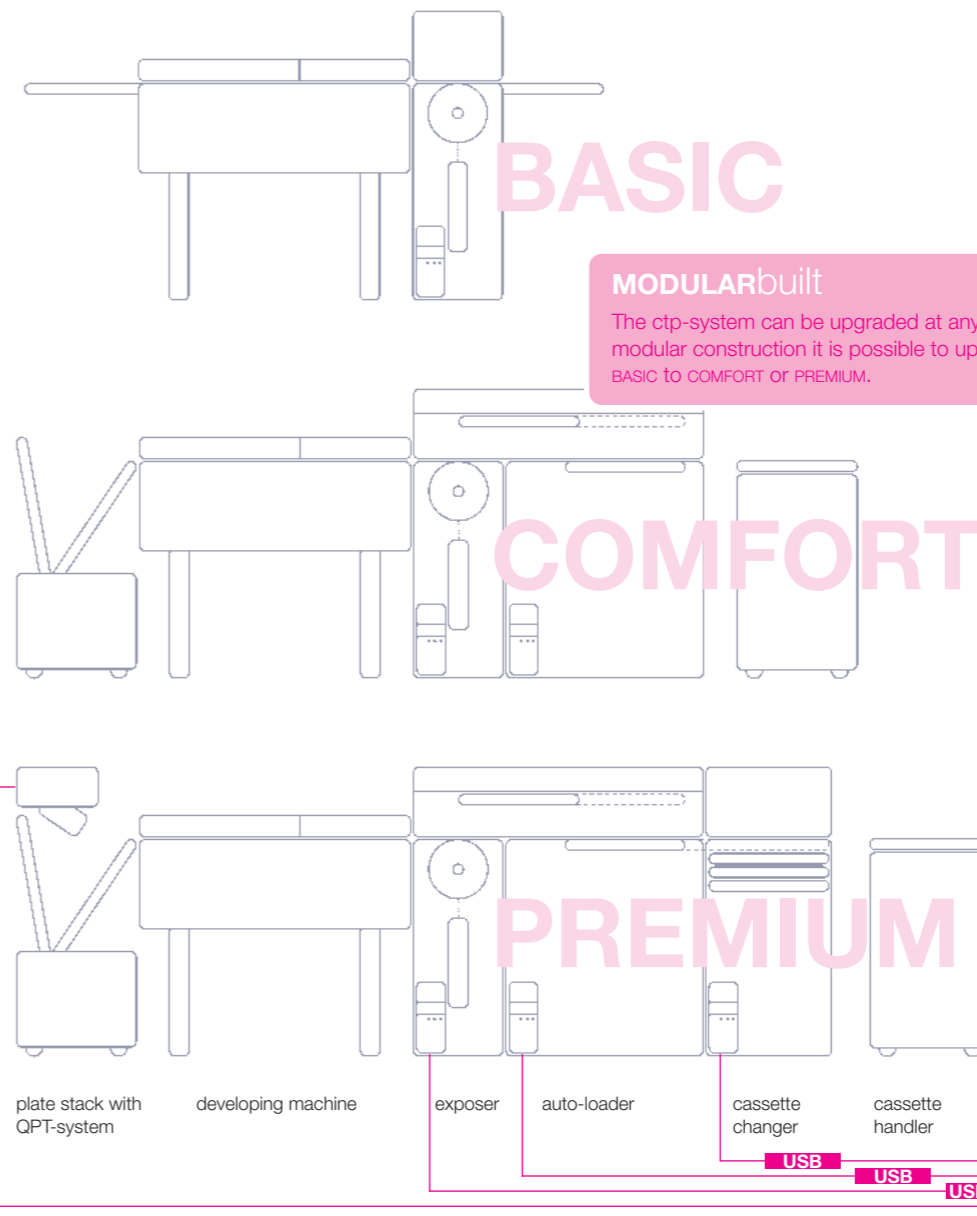
QPT is connected to the RIP-station (raster image processor) via USB and compares exposed plates online with defined quality demands. If there is anything wrong with plate quality, the system regulates immediately.

**revolution 4 – a revolutionary safe producing ctp-system.**

## MODULARbuilt

Ctp-system **revolution 4** is produced according to the demand of market. That means, that you have always the possibility to adapt your platesetter or parts of it according to your request. Find out the simple and modular construction of ctp-system **revolution**.

**revolution 4 – a revolutionary modular ctp-system.**



### MODULARbuilt

The ctp-system can be upgraded at any time on demand. Due to modular construction it is possible to upgrade the ctp-system typ BASIC to COMFORT or PREMIUM.

### CLEVERworking

The RIP (raster image processor) is connected via USB to all important parts of the platesetter: cassette changer, auto-loader, exposing unit and the QPT-system (quality protector system). So the ctp-system is able to work independent and intelligent. On request the RIP can communicate with the responsible ctp-working staff via mobile.

