

powerful
mechanic supplier
production of chassis, drums and all
other mechanic parts

LZH Laser Zentrum Hannover
(belongs to the University of Hannover)
additional research &
development for LSH

powerful
electronic supplier
production of electronic parts

dealer network
Germany & international

company network

LSH
Laser Systems Hannover

Mediatronic GmbH
demo center & workflow experts

external
service company



revolution 8

BASIC
COMFORT
PREMIUM

technical data/specifications of ctp-system revolution 8

general specifications	BASIC	COMFORT	PREMIUM
width	1.540 mm	1.540 mm	1.540 mm
depth	670 mm	1.600 mm	2.550 mm
height	1.150 mm	1.500 mm	1.500 mm
dimensions of cassette handler	-	1.100 x 900 mm	1.100 x 900 mm
weight	180 kg	330 kg	500 kg
exposure specifications	BASIC	COMFORT	PREMIUM
laser source	60 mW violet laserdiode, 405 nm		
exposing technology	external drum		
minimum plate size	370 x 450 mm		
maximum plate size	820 x 1.030 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		

All technical data and specifications are correct at the time of publishing. It remains the right of LSH Laser Systems Hannover GmbH to change the specifications at any time in line with our policy of continuous product development. All rights reserved. 05/2004



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 8 BASIC only needs 65 x 150 cm footprint.

LOWcost

Ctp-system revolution 8 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 8 – revolutionary in its easy handling.

SAVINGSspace

Ctp-system **revolution 8** only needs minimal footprint. Due to its construction highest operability and productivity are combined on smallest space. Therefore, **revolution 8** does not take much footprint in your production hall as well as it gives room to move for your trade.

revolution 8 – a revolutionary compact and functional method of construction.

LOWcost

Ctp-system **revolution 8** 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 8 – 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 8 – 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.

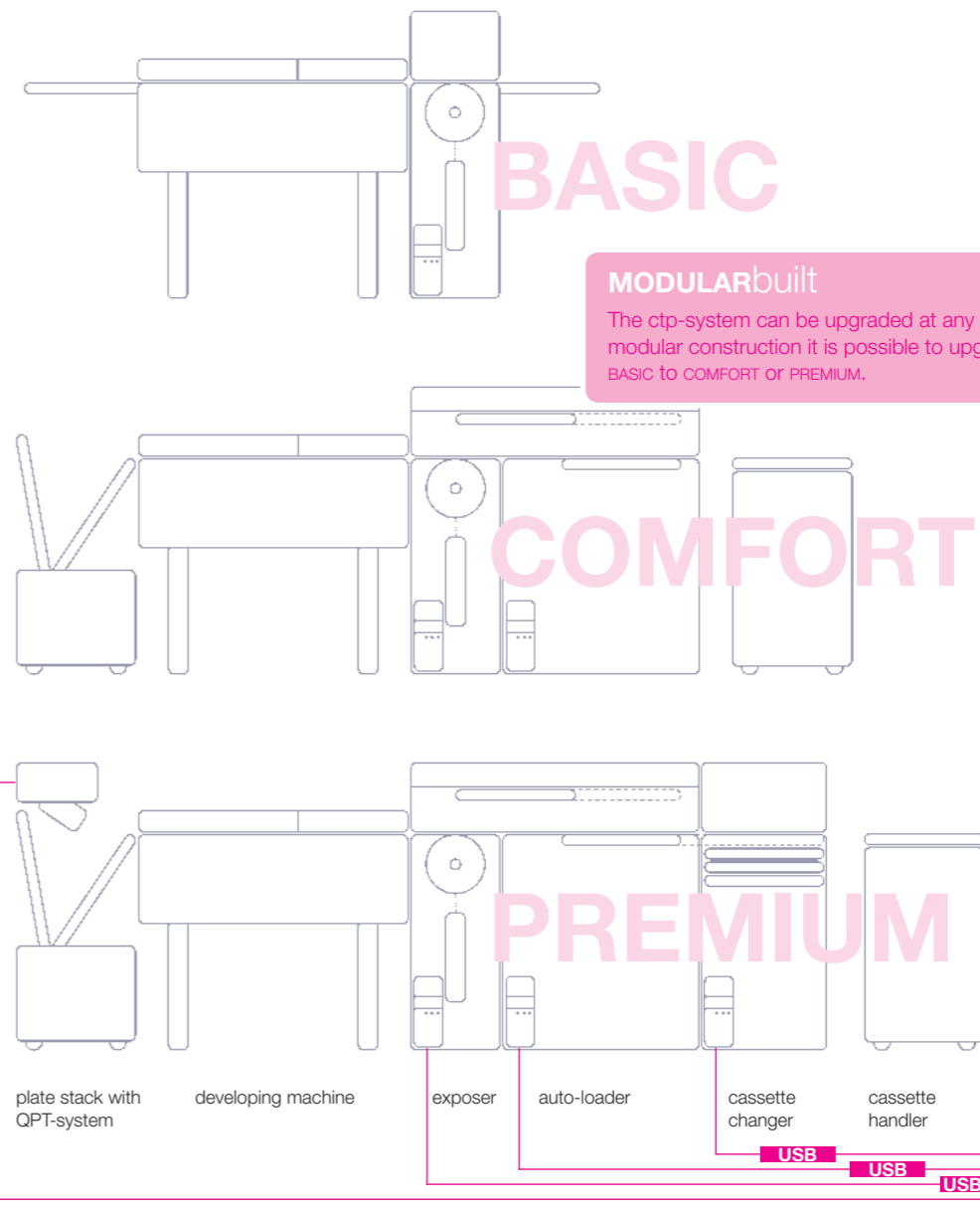
QPT is connected to the RIP-station (raster image processor) via USB and compares exposed plates online with defined quality demands. If there is anything wrong with plate quality, the system regulates immediately.

revolution 8 – a revolutionary safe producing ctp-system.

MODULARbuilt

Ctp-system **revolution 8** 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 8 – 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.

