



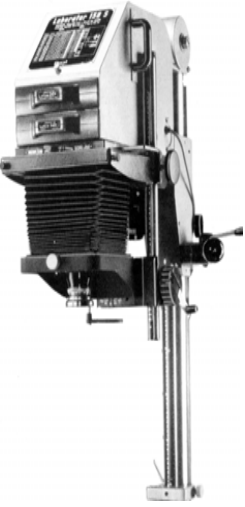
ENLARGER SELECTION GUIDE


DURST-PRO-USA, Inc.

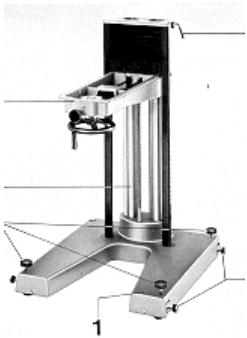

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DESCRIPTION OF DURST 5X7 ENLARGERS AVAILABLE FROM DURST-PRO-USA. Our equipment is either new or it has been completely re-manufactured / restored to original NEW / MINT condition. It is covered by 8 days of unrestricted right of return and Lifetime / 5-year warranty.

Request special spec. sheet on the re-manufacturing process and for the features and use of a condenser head.

DURST 5X7” ENLARGERS	DIMENSIONS, Crate / weight.	ACCESSORIES	QUALITY AND FEATURES
<p>DURST 138 Wall mounted</p> 	<p>Chassis is 41” / 104cm tall wo/ wall bracket x 17” wide and 35” deep.</p> <p>Wall bracket type I, for table or shelf ; distance from <u>column</u> to center of lens variable from 14-16”</p> <p>Wall bracket type II, for floor projection or roll easel. Distance from wall to center of lens 30” allowing up to 60” wide prints.</p> <p>Crate: WxHxL, 25x27x42, 90 pounds.</p>	<p>All Durst heads, (see separate review sheet), Aristo heads, Ilford VC heads and Pavelle heads.</p> <p>Accepts NEGA, AIRNEG, NEGA138, GRAHALON, LARANEG LIGHT and TRINEG negative holders.</p> <p>Accepts Durst LAPLA lens adapters and all lenses from 35mm through 240mm.</p>	<p>The chassis World Images Inc offer for wall mounting is the older 138 chassis. It is basically the same chassis as the later 138S chassis but lacks in design. The design is not as streamlined as the 138S design. Also it does not have as many adjustment facilities for slack and alignment as the later models. Never the less, the enlarger works in the exact same manner and offers the same options and accessories.</p> <p>The chassis we deliver for wall mounting is of course re-manufactured and retrofitted with new ball bearings and new drive wheel for absolute smooth operation.</p> <p>The camera (bellows unit) on the 138 chassis has a fixed, TRIPLA, lens turret for 3 lenses.</p> <p>Some of the wall mount brackets we offer are made by the Swedish Chris & Stand company and lacks in design – but not in sturdiness.</p> <p>The degree of enlargement (largest possible print size) depends entirely on the ceiling height / how high the chassis is mounted above the baseboard and is restricted only by the max distance from the wall.</p> <p>Durst enlargers are the most sturdy enlargers made – ask for detailed comparison.</p> <p>The monetary value is, in our opinion high, at least if you compare with other 5x7 enlargers on the market. You have to be a VERY demanding professional not to be satisfied with Durst enlargers.</p> <p>We will support this enlarger w/ parts and service in the foreseeable future.</p>


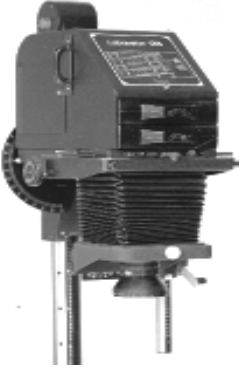
DURST 5X7" ENLARGERS	DIMENSIONS, Crate / weight.	ACCESSORIES	QUALITY AND FEATURES
<p>DURST 138S floor standing single column enlarger</p> 	<p>Chassis is 82" / 208cm tall .</p> <p>w/ fully raised condenser head the total height is 86.6" / 220cm</p> <p>w/ fully raised CLS300/301 head the total height is 92" / 235cm.</p> <p>w/ fully raised CLS1000 head the total height is 98" / 250cm.</p> <p>Floor space requirements: 44x44" (110x110cm)</p> <p>Crate: WxHxL, 25x27x82, 220 pounds.</p>	<p>All Durst heads, (see separate review sheet), Aristo heads, Ilford VC heads and Pavelle heads.</p> <p>Wall support bracket.</p> <p>PCM1001 analyzer.</p> <p>Accepts NEGA, AIRNEG, NEGA138, GRAHALON, LARANEG LIGHT and TRINEG negative holders.</p> <p>Ver.1: Accepts Durst LAPLA lens adapters and all lenses from 35mm through 240mm.</p> <p>Ver.2: Accepts Durst LAPLA lens adapters, TRIPLA, VAPLA, PROLA and HOTUBS and all lenses from 35mm through 300mm.</p>	<p>World Images Inc offer this chassis in two different versions. Common for both are that they are black - anti-reflex black. The coating is chemically resistant.</p> <p>Ver.1 has fixed TRIPLA, three-lens lens turret and Ver. 2 has a removable TRIPLA. When removable the TRIPLA can be replaced with single-lens lens boards and with HOTUBS for short focal length lenses.</p> <p>V2 has a bellows with larger dimensions than V1, The V1 bellows are funnel shaped, and the V2 bellows are straight. Other than that the two versions are identical.</p> <p>The chassis can be separated at the middle. An assembly bracket with hand knobs allow separation of the upper and lower chassis part, or to turn the upper chassis 180 degrees for projection on the floor.</p> <p>The camera carriage is spring balanced which, when properly adjusted for the light head in use, makes size adjustment extremely easy. The head is "weight less" and can be moved freely up and down with one hand. Most models have, in addition to the regular adjustment knob, a quick release handle for fast adjustments.</p> <p>The camera (bellows unit) turns step less from 0 → 90 degrees for projection on the wall or for correction of non-parallel lines in connection with tilting the base board.</p> <p>The chassis is prepared for horizontal projection. It is equipped with special wheels for precise operation on steel tracks.</p> <p>Focusing is done manually with a knob. Focusing supports lenses from 35mm through 210/ 240/300mm. Ver. 1 accepts max 210mm.</p> <p>The baseboard is also spring assisted and moves freely (step-less) up and down when released. The brake is released by applying pressure on a foot pedal.</p> <p>The baseboard is mounted with a ball-and-socket joint and swivels in all directions for special effects or correcting non-parallel lines. It dead-locks in a fixed position with the twist of one handle. It zero positions by means of a bar handle.</p> <p>Both head and baseboard stage are equipped with heavy-duty ball bearings and ample possibilities for adjusting slack, alignment and traction.</p> <p>No other enlarger on the market offers the facilities, possibilities and sturdiness that the Durst 138S does. And per spent dollar – the dollar value is extremely high – no other brand come even close.</p>



DURST 5X7” ENLARGERS	DIMENSIONS, Crate / weight.	ACCESSORIES	QUALITY AND FEATURES
<p data-bbox="86 264 338 440">DURST 139G Floor standing enlarger w double column bottom chassis.</p>  	<p data-bbox="401 264 667 440">Chassis is 85.5” tall w/ fully raised condenser head the total height is 90”</p> <p data-bbox="401 483 638 623">w/ fully raised CLS300/301 head the total height is 95.5”.</p> <p data-bbox="401 667 642 807">w/ fully raised CLS1000 head the total height is 101.5”.</p> <p data-bbox="401 886 638 1026">Floor requirement depending on the size of the baseboard.</p> <p data-bbox="401 1105 600 1213">Crate: WxHxL, 30X38X91, 645 pounds.</p>	<p data-bbox="693 264 1010 404">All Durst heads, (see separate review sheet), Aristo heads, Ilford VC heads and Pavelle heads.</p> <p data-bbox="693 448 968 480">Wall support bracket.</p> <p data-bbox="693 524 947 557">PCM1001 analyzer.</p> <p data-bbox="693 600 978 659">Motorized focus. Motorized Baseboard.</p> <p data-bbox="693 703 1024 735">Durst Vacuum Baseboard</p> <p data-bbox="693 779 1045 919">Accepts NEGA, AIRNEG, NEGA138, GRAHALON, LARANEG LIGHT and TRINEG negative holders.</p> <p data-bbox="693 963 1052 1102">Camera Ver.1: Accepts Durst LAPLA lens adapters and all lenses from 35mm through 210mm.</p> <p data-bbox="693 1146 1058 1360">Camera Ver.2: Accepts Durst LAPLA lens adapters, TRIPLA, VAPLA, PROLA and HOTUBS and all lenses from 35mm through 300mm.</p>	<p data-bbox="1092 264 1986 329">The Durst 139G enlarger has all the same facilities as the 138S. It differs from the 138S only in that it has different base.</p> <p data-bbox="1092 357 1986 422">The lower part of the chassis is the double column type that is also used on the large heavy-duty 10x10” enlargers.</p> <p data-bbox="1092 449 1986 735">The 139G base is supported by two 3” tubes made out of ¼ inch thick hardened steel with industrial hard-chrome finish. The 30 pound baseboard arm is chain and worm drive operated. Height adjustment is either hand-crank operated or motorized. Go ahead - sit or stand on it and have someone give you a <u>smooth</u> ride. Net weight of the baseboard unit 350 pounds. This unit is for “precision-fanatics” (sorry for the expression) and for all other printers with a preference for absolute motion free printing.</p> <p data-bbox="1092 763 1986 860">The baseboard arm support all-metal base-boards up to 60x90” in size. Very heavy roll easels or other heavy equipment can be placed on top of it.</p> <p data-bbox="1092 888 1986 953">We carry extension arms for the camera (bellows unit) and lenses, for 4x5” and 5x7” supporting printing of up to 45x65” on the baseboard.</p> <p data-bbox="1092 980 1986 1078">The base is also prepared for horizontal printing / operation and is – due to the extra weight – better suited for horizontal projection than the 138S chassis.</p> <p data-bbox="1092 1122 1346 1154">This chassis is rare.</p>


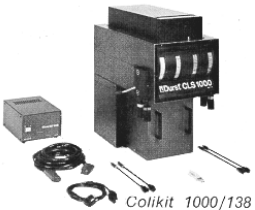
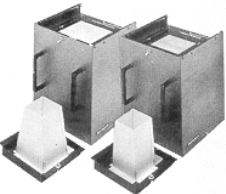
DURST 5X7” ENLARGERS	DIMENSIONS, Crate / weight.	ACCESSORIES	QUALITY AND FEATURES
<p data-bbox="88 266 327 370">DURST L1300. Floor standing motorized chassis.</p>  	<p data-bbox="399 266 659 298">Column height: 94”</p> <p data-bbox="399 337 659 483">With the CLS1000 head fully raised it stands 105 inches high.</p> <p data-bbox="399 522 659 662">Floor requirement depending on the size of the baseboard.</p> <p data-bbox="399 743 604 847">Crate: WxHxL, 30X46X96, 638 pounds.</p>	<p data-bbox="693 266 953 298">PCM1001 analyzer.</p> <p data-bbox="693 337 1024 370">Durst Vacuum Baseboard</p> <p data-bbox="693 409 1058 630">Camera Ver.2: Accepts Durst LAPLA lens adapters, TRIPLA, VAPLA, PROLA and HOTUBS and all lenses from 35mm through 360mm.</p> <p data-bbox="693 669 1045 734">Semi Closed loop with digital readout of filtration.</p>	<p data-bbox="1092 266 1990 516">How to describe this enlarger? It is unique, no other enlarger was ever made – will ever be made – that offers the degree of sturdiness, the facilities and possibilities that this enlarger does. It cost the “cotton out of your ears” in 1998, (+\$48,000.00 for complete package), and will be overkill for most photographers and printers. Then – if printing negatives and transparencies is your lively hood – take a look:</p> <p data-bbox="1092 522 1990 954">Free standing floor model, 110 volt 15Amp max. Motorized size (head) and focus, via floor standing console or remote control. Roll the head to the top, the baseboard to it’s extreme lower position and JUST focus <u>in seconds</u> with the remote. Print 32x50” on the 40x60” oversized baseboard without any accessories. Tilt the baseboard and the lens stage for correction of non- parallel lines or for special effects. Remove the entire baseboard and baseboard arm in minutes for floor projection or roll easel operation. Tilt the camera (bellows unit) 90 degrees for horizontal projection, the entire chassis run on tracks, use the remote focus and head motor for fast an accurate operation also in “Horizontal mode”.</p> <p data-bbox="1092 993 1990 1058">The floor standing motor control console is equipped with a built-in digital timer.</p> <p data-bbox="1092 1107 1642 1140">It will run on tracks and print horizontally.</p> <p data-bbox="1092 1179 1696 1211">This unit is as sturdy or sturdier than the 139G.</p> <p data-bbox="1092 1250 1990 1315">How many was made / sold – not 50 units – this unit is so rare that even some dealers does not know about it’s existence.</p> <p data-bbox="1092 1354 1990 1464">Draw backs? – Yes a one. The CLS1000 Color Dichro head is an integral part of the chassis, it can not be replaced with any other head or with a condenser head.</p>

DESCRIPTION OF LIGHT HEADS AVAILABLE FOR 5X7 ENLARGERS FROM DURST-PRO-USA. Our equipment is either new or it has been completely re-manufactured / restored to original NEW / MINT condition. It is covered by 8 days of unrestricted right of return and Lifetime / 5-year warranty.

Request special spec. sheet on the re-manufacturing process and for the features and use of a condenser head.

LIGHT HEADS for DURST 5X7	WATTAGE	ACCESSORIES	QUALITY AND FEATURES
<p>ARISTO COLD-LIGHT VC type OR STANDARD.</p> 	<p>FLUORESCENT</p>	<p>The VC type has an external control unit. The head is adapted to the Durst 5x7" enlarger with an adapter plate. We are not aware of any other accessories.</p>	<p>In our experience ARISTO cold light heads tend to be rather uneven. The un-evenness appears fairly soon after purchased from new. This is not because ARISTO is a bad product but simply caused by the nature of the fluorescent light tubes. The VC type heads further have two tubes, each painted with a different dye, creating the two colors necessary to control print contrast. This dye / paint has a tendency to dry / evaporate and crack / fall off in spots and create unevenness. ARISTO heads new and re-manufactured is covered by ONLY a 3-month warranty. USED heads are sold "as is".</p>
<p>DURST CONDENSER HEAD</p>  <p>CONKIT</p>	<p>250 → 1000watt tungsten diffused lamp (Opal) or halogen point light sources</p>	<p>Full range of condensers, coated as well an uncoated, diffusers, lamps, filters, heat glass, cold light inserts, cooling blowers etc etc.</p> <p>Filter pack for cold-light emulation.</p> <p>Diffuser for soft light printing \$8.00</p>	<p>This is a third generation BW condenser head. One later version exists. The main difference between the version shown and the later version is design.</p> <p>The CONKIT is an extremely good condenser head. It is well engineered, the double condenser system are of very high quality yielding extremely good evenness for formats up to 5x7" and very good evenness for 5x7".</p> <p>This condenser head is capable of producing very sharp / high definition results from BW negatives whether it is used as an opal or point light source.</p> <p>It is equipped with a sophisticated lamp adjustment feature. The lamp can be adjusted 3-dimensionally. Up/down, left/right and front/back allowing extremely precise centering of the lamp.</p> <p>It also doubles as a soft light head and/or as a cold light head. Use it as a soft-light head by introducing a diffuser below the condensers or as a regular cold-light head by introducing a diffuser and a filter pack, or as a condenser cold-light head by introducing a filter pack.</p>

LIGHT HEADS for DURST 5X7	WATTAGE	ACCESSORIES	QUALITY AND FEATURES
<p>DURST CLS301</p> 	<p>600watts halogen 2x 300watt ELR</p>	<p>Full range of mixing boxes from 5x7 to 35mm.</p> <p>Dial extension box.</p> <p>Semi Closed loop system w/ digital measuring and readout of filtration</p>	<p>This is a fourth generation color Dichro head from Durst. It is the last generation before the CLS1000 color Dichro head. The CLS301 is a professional head used in thousand of professional labs all over the world. The CLS301 is used for both 5x7” and 8x10” printing although generally NOT considered powerfull enough for 8x10” printing. The lamps used in the CLS301 are standard ELR lamp with built inn reflector eliminating the need for a separate reflector and assuring very good and even light distribution throughout the life of the lamp. The CLS 301 head is powered by an external power supply with electronic stabilization, EST301. The EST301 facilitates 110volt timers and has a built in receptacle.</p>
<p>DURST CLS300</p>  <p>Features and dimensions are almost identical for CLS300 and CLS301. The inside differs and the CLS300 has two more exhaust flanges than the CLS301</p>	<p>2000watt halogen 2x1000watt, Type: R7S</p> <p>A replacement lamp kit LAMKIT, with 2x2pc ELR lamps is available. This kit reduces the output to 1200 watts. However, due to the better efficiency of the ELR the light loss will be less than half an f-stop compared to the R7S system.</p>	<p>Full range of mixing boxes from 5x7 to 35mm. Dial extension box.</p> <p>Semi Closed loop system w/ digital measuring and readout of filtration</p> <p>A replacement lamp kit LAMKIT is available when original Dichro Mirror Reflectors are no longer available.</p> <p>The lamps used are standard R7S lamps. Stocked by World Images Inc.</p> <p>Accessory diffuser \$8.00.</p> <p>110Volt timer kit.</p>	<p>This is also a fourth generation color Dichro head from Durst. This is a professional head used in thousand of professional labs all over the world. Due to the design it produces more light than any other 2000 watt Dichro head on the market – more than the new CLS2000.</p> <p>I have heard printers complain that this head is hard to work with because it has a tendency to be slightly uneven in color distribution, for one side of the mixing box to the other. We are aware that slight unevenness can be a problem with this head if not kept meticulously clean. The Reflectors and the large Dichroic filters are sensitive to dust build up. It is also important that the lamps are exchanged regularly. The reflectors are separate from the lamp and have a life span of approx. 7-10 years depending on actual use. Each reflector consists of two tube shaped Dichroic mirrors. If slight unevenness is experienced it can be completely removed by introducing an extra diffuser in the filter tray. An extra diffuser will “cost” less than 1/3 of one f-stop in lost light output.</p> <p>The R7S lamps can be replaced with the ELC LAMKIT if the output is to powerful or if a more up-to-date lamp solution is preferred. The CLS 300 head is powered by an external power supply, EST300, with electronic stabilization and facilitates external 220V timers or 110Volt timers via a relay-kit.</p>

LIGHT HEADS for DURST 5X7	WATTAGE	ACCESSORIES	QUALITY AND FEATURES
<p data-bbox="88 264 336 293">DURST CLS1000</p>    <p data-bbox="128 1200 323 1219"><i>Trinobox 450 and 69</i></p>	<p data-bbox="390 264 625 293">1000watt halogen.</p> <p data-bbox="390 337 651 477">Or 2000 watt halogen via upgrade kit available from Durst.</p> <p data-bbox="390 521 617 623">Durst COLAMP 1840 or Durst COLAMP 2000N</p> <p data-bbox="390 667 651 696">Durst REFLECTOR</p>	<p data-bbox="680 264 1037 367">Full range of the most even and advanced mixing boxes on the today's market.</p> <p data-bbox="680 410 1045 808">All mixing boxes are delivered as a kit, consisting of <u>two</u> mixing boxes. One box, OBEN, is inserted into the lamp housing with snap-in fasteners and is in close contact with the lamp. The main box is used as a final mixing box and also works as a connection to the negative holder.</p> <p data-bbox="680 852 1016 881">Durst PCM1000 analyser.</p>	<p data-bbox="1079 264 1980 367">This is "The-top-of-the-line-High-Tec" color Dichro head for 5x7" and smaller printing. It has set world standard for evenness and robustness for all formats including 5x7"</p> <p data-bbox="1079 410 1980 513">CLS1000 is the fifth generation Color Dichro Head from Durst and also the last and latest generation of Durst Dichro heads for the Durst range of 5x7" enlargers.</p> <p data-bbox="1079 521 1980 623">Light output is of course electronically stabilized. The power supply facilitates 110 and 220-volt timers as well as other controllers, PCM1001 etc.</p> <p data-bbox="1079 667 1980 769">Only drawback to the CLS1000 is that it requires a special negative holder. It requires the Durst TRINEG negative holder, or LARANEG LIGHT in order to function in a workable manner.</p> <p data-bbox="1079 813 1980 987">The CLS1000 requires that your 138S chassis be upgraded with a 184-counter spring housing. If the chassis was "born" with that spring housing it is a 138SP chassis. The housing is available as TRIHELMKIT. The negative carrier TRINEG and adapter plates is available as LATRIKIT 1000</p> <p data-bbox="1079 1031 1980 1133">New price in 1998, for the CLS1000 with one 5x7" mixing box, was \$11,130.00, TRIHELM KIT was \$1,455.00 and LATRIKIT 1000 was \$950.00</p>

DIGITAL LIGHT
DLA1000

Pictures to follow.



KEYBOARD

1200 watt Halogen
3 pc Standard FLX
lamp with built in
reflector.

Mixing boxes for 5x7 and
6x9cm,
BW probe,
COLOR analyzer-scanner
PC interface

For those familiar with The famous STARLITE Color Dichro head from ZBE no explanation is necessary, for those not so familiar; The DIGITAL LIGHT Americana DLA1000 COLOR DICHRO HEAD is by far the most advanced 5x7" Color Dichro head on the market. It is truly year 2001 technology. It is an electronically stabilized and controlled light engine. There are no mechanical dials or controls – this head is entirely keyboard controlled.

Specifications:

Keyboard controlled via 32 key dedicated keypad with two-line 40 character LCD display.

Light Source:

Fully stabilized Tungsten Halogen, variable down to 60% of max. output without any change in color temperature. The output is set via keyboard input. (ND: 4-stops for color and 2 f-stops for BW) Average lamp life is 120 hours.

Shutter:

Built in rotary shutter and digital timer with range 0-999 secs.

Color Control System:

Motorized automatic filter setting. Actual setting and input controlled vis keyboard. 0-180 CC step-less and fade free Color Dichro glass filters. Repeatability +/- 1 CC. Lamp change repeatability 1 CC with same brand lamp.

Variable Contrast BW Control System:

Built in VC filter control system. Grades 0-5 adjustable in 0.1 grade steps. Lamp change repeatability +/- 0.2 grade steps.

MEMORY:

25 paper channels

300 print channels saving job #, roll #, frame # and all printing data for each print.

Compability :

Video analyzer (VCNA) Direct data input, barcode data entry, compatible with DVAS, CVIS, BBS and SVC.

Maintenance:

Modular design, all components are modular, lamps or the entire lamp engine can be changed in seconds.




ENLARGER SELECTION GUIDE
SECTION II
8x10” – 10x10” VERTICAL

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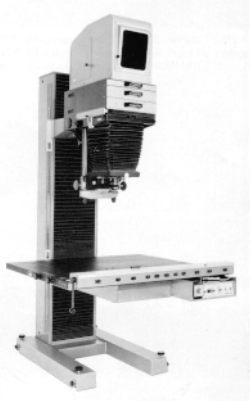
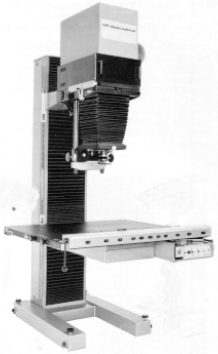
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Request special spec. sheet on the re-manufacturing process and for the features and use of a condenser head.

DURST vertical 10x10" ENLARG.	DIMENSIONS, Crate / weight.	ACCESSORIES	QUALITY AND FEATURES
<p>DURST Laborator 184 floor, 10x10" floor standing double column enlarger</p> 	<p>Chassis is 90,5" / 230cm tall .</p> <p>w/ fully raised condenser head the total height is 108 1/4" / 275cm</p> <p>w/ fully raised CLS300/301 head the total height is 102" / 260cm.</p> <p>w/ fully raised CLS1840 head the total height is 107" / 273cm.</p> <p>Floor space requirements: 44x44" (110x110cm)</p> <p>Chassis weight is 353 pounds, 160KG Crate: WxHxL, 30x35x91, +600 pounds with CLS1840.</p>	<p>All Durst heads, (see separate review sheet), Aristo heads.</p> <p>Wall support bracket.</p> <p>PCM1001 analyzer.</p> <p>Motorized focus, head and baseboard as optional equipment.</p> <p>Accepts NEGA184, AIRNEG, GRAHALON LARANEG, PRONEG negative holders.</p> <p>Accepts Durst VAPLA, PROLA, TRIPLA and UNIPLA lens boards and all lenses from 50mm through 600mm.</p> <p>Baseboard tilt unit.</p>	<p>DURST-PRO-USA offer this chassis both as new and remanufactured versions. Common for both are that they are black - anti-reflex black. The coating is chemically resistant anti-reflex black.</p> <p>The chassis is a double column type with negative and baseboard stages that slide on the heavy duty chromed steel tubes, in the same manner as pneumatic industrial equipment, tractors and front loaders etc. The stages are moved either by hand crank or via speed controlled motor.</p> <p>The chassis it self can be separated at the middle. An assembly bracket with two hand knobs and security screws allow separation of the upper and lower chassis part, or to turn the upper chassis 180 degrees for projection on the floor.</p> <p>The camera carriage is spring balanced which, when properly adjusted for the light head in use, makes size adjustment extremely easy. The head is "weight less" and can be moved freely up and down with a hand crank or motor.</p> <p>The chassis is prepared for horizontal projection. It is equipped with special wheels for precise operation on steel tracks.</p> <p>The camera (bellows unit) turns step less from 0 → 90 degrees for projection on the wall or for correction of non-parallel lines in connection with tilting the base board.</p> <p>Focusing is done manually either with a knob or motor driven. Focusing supports lenses from 35mm through 600mm. Focusing is geared for extreme precision and durability.</p> <p>Print 32x50" on the 40x60" oversized baseboard without any accessories. Tilt the baseboard and the lens stage for correction of non-parallel lines or for special effects.</p> <p>No other 10x10" enlarger on the market offers the facilities, possibilities and sturdiness that the Durst L184 does. And per spent dollar – the dollar value is extremely high – no other brand come even close.</p>

**DURST L1800.
10x10"**

Floor standing fully motorized chassis.



Chassis is 87" / 221cm tall .
w/ fully raised condenser head the total height is 102,5" / 260cm

w/ fully raised CLS1840 head the total height is 107" / 270cm.

Floor space requirements: 44x44" (110x110cm)

Chassis weight is 420 pounds, 190KG
Crate: WxHxL, 35x39x90,
.

All Durst heads, (see separate review sheet), Aristo heads.

PCM1001 analyzer.

Accepts NEGA184, AIRNEG, GRAHALON LARANEG, PRONEG negative holders.

Accepts Durst VAPLA, PROLA, TRIPLA and UNIPLA lens boards and all lenses from 50mm through 600mm.

Baseboard tilt unit.

Durst Vacuum Baseboard

Remote control for Horizontal projection.

Motor for base.

The 1800 column is square and extremely sturdy built. Two stages, negative and baseboard, run with 1,5" ball bearings on two vertical 3/4" thick machined steel bars. Each stage facilitates individual adjustment of alignment in two planes – left-right and front-back. Each stage is motor driven via worm drives.

This type chassis is only found in the L1800.

The lens stage is a separate two post system originating in the camera it self. The camera featured on the L1840 is identical to the camera featured on the L184 model with the addition of permanently installed motorized focus

Motorized size (head), focus and baseboard. The control can be located either hanging under the baseboard or be mounted on a floor standing console. The unit also features a remote. or remote control. Roll the head to the top, the baseboard to it's extreme lower position and JUST focus in seconds with the remote.

Print 32x50" on the 40x60" oversized baseboard without any accessories.

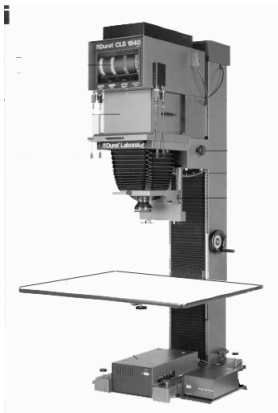
Tilt the camera (bellows unit) 90 degrees for horizontal projection, the entire chassis run on tracks, use the remote focus and head motor for fast an accurate operation also in "Horizontal mode".

The floor standing motor control console is equipped with a built-in digital timer.

It will run on tracks and print horizontally.

**DURST L1840.
10x10"**

Floor standing partly motorized chassis.



Chassis is 90,5" / 230cm tall .

w/ fully raised condenser head the total height is 106" / 270cm

w/ fully raised CLS1840 head the total height is 111" / 281cm.

Floor space requirements: 44x44" (110x110cm)

Chassis weight is 286 pounds, 130KG
Crate: WxHxL, 35x39x93, Approx. 700 pounds packed with CLS1840.

All Durst heads, (see separate review sheet), Aristo heads.

PCM1001 analyzer.

Accepts NEGA184, AIRNEG, GRAHALON LARANEG, PRONEG negative holders.

Accepts Durst VAPLA, PROLA, TRIPLA and UNIPLA lens boards and all lenses from 50mm through 600mm.

Durst Vacuum Baseboard

Remote control for Horizontal projection.

The L1840 chassis succeeded the L1800. It is a more modern construction. It is taller than the L1800. The chassis is built according to a new principle with one central 8" round column. It offers the same degree of sturdiness as the L1800 without the extreme heaviness.

The lens stage is a separate two post system originating in the camera itself. The camera featured on the L1840 is identical to the camera featured on the L184 model with the addition of permanently installed motorized focus

The head stage (size) and focus are motorized. The baseboard are adjusted via a hand crank.

Motorized size (head) and focus, via floor standing console or remote control. Roll the head to the top, the baseboard to its extreme lower position and JUST focus in seconds with the remote.

Print 32x50" on the 40x60" oversized baseboard without any accessories. Tilt the baseboard and the lens stage for correction of non-parallel lines or for special effects.

Remove the entire baseboard and baseboard arm in minutes for floor projection or roll easel operation.

Tilt the camera (bellows unit) 90 degrees for horizontal projection, the entire chassis run on tracks, use the remote focus and head motor for fast an accurate operation also in "Horizontal mode".

The floor standing motor control console is equipped with a built-in digital timer.

It will run on tracks and print horizontally.

**DURST Laborator 2400.
Fully Motorized heavy duty 12x12” chassis.**



Chassis is 87” / 221cm tall .
w/ fully raised condenser head the total height is 102,5” / 260cm

w/ fully raised CLS1840 head the total height is 107” / 270cm.

Floor space requirements: 44x44” (110x110cm)

Chassis weight is 420 pounds, 190KG
Crate: WxHxL, 35x39x90,

All Durst heads, (see separate review sheet), Aristo heads.

PCM1001 analyzer.

Accepts Durst, PROLA, lens adapter rings and all lenses from 50mm through 600mm.

Durst Vacuum Baseboard

This chassis is essentially the same as the L1800 chassis with a few differences.

On the L2400 Model the lens stage also runs on bearings on the chassis column.

The head and lens stages are larger and of different construction than the 1800.

The head stage is larger and allows printing of 11,5” x 11,5” negatives. And carries a light head featuring an adjustable mixing box for originals up to 11,5” x 11,5” . The negative holder is an “oversized” LARANEG permanently installed on the head stage.

The lens stage features a removable 4-lens lens turret. If the lens turret is removed it will need a custom made lens adapter to mount lenses. It also features a removable leaf shutter and a removable filter turret with five filters large enough to cover a Rodenstock 360mm rear element. Both accessories are removable and the enlarger will function without these features installed.

The lens turret features 4 PROLA lens mounts. Two accepting lenses up to 600mm and two accepting lenses up to and including 210mm. This lens turret is precision machined and rivals any fixed lens mount in precision and sturdiness.

Only a handful of manufactures made the chassis this way. No one except possible PAWO made them in the quality that DURST did. PAWO, a Swiss company and HK, a UK company are to our knowledge the only manufactures that ever made a chassis with the same qualities. A Durst L2400 chassis would today cost +\$70,000.00 without the light head.

The L2400 originally featured a 5000watt Zenon light head. DURST-PRO-USA offers a the DL2500 computerized light head and adapters for CLS1840 and CLS2000. Even the CLS300 can be easily retrofitted.

**DURST
OPTROMAT
10x10"
WORLDS MOST
ADVANCED
AUTO SIZE &
AUTO FOCUS
ENLARGER.
DIGITAL LIGHT
CLOSED LOOP**



Chassis height 93" / 236cm

HEIGHT w/ fully extended head 115" / 292cm.

Space requirement 55x55"

Baseboard 40x50"

5 PALLETS 1400 POUNDS / 665KG.

Factory installed DIGITAL LIGHT CLS2000 color Dichro Head.

LARANEG, AIRNEG and NEGAROLL, motorized NEGAROLL.

It is an L1840 chassis with one considerable difference. Instead of one 5" steel center post it has two.

It is a Factory installed CLS2000 automated (DIGITAL LIGHT) Color Dichro head. Fully keyboard operated with the same programming and features as the larger HL2506AF enlarger. It features the worlds most accurate size and auto focus system.

The features are to plentiful and special to cover accurately in a short resume.

The enlarger is featured in full in a special brochure.

Price in 2001 +110,000.00 fully equipped.
We have one used machine in stock.

**HVA250, 10X10”
FLOOR
STANDING
FULLY**



MOTORIZED

Data to follow

This is a brand new machine for us, our first lot of five sold in one week, the second lot of five is almost sold, only one is left.

SEMI CLOSED LOOP COLOR DICHRO HEAD.

“Lightweight Durst 1840 construction”

We are working on detailed material w/ pictures.

**HK877 – 10X10”
FULLY
MOTORIZED
FLOOR
STANDING
ENLARGER**



WE HAVE ONLY ONE IN STOCK – REQUEST INFO.
VERY ATTRACTIVE PRICE.


This unit was custom built
with motorized aerial neg holder
and auto focus / auto size.



DESCRIPTION OF LIGHT HEADS AVAILABLE FOR 8x10" – 10x10" ENLARGERS FROM DURST-PRO-USA. Our equipment is either new or it has been completely re-manufactured / restored to original NEW / MINT condition. It is covered by 8 days of unrestricted right of return and Lifetime / 5-year warranty.

Request special spec. sheet on the re-manufacturing process and for the features and use of a condenser head.

All Durst heads within each series are compatible, they will use and share the same type accessories and they will all fit most chassis.

LIGHT HEADS for DURST 10x10"	WATTAGE	ACCESSORIES	QUALITY AND FEATURES
<p>ARISTO COLD-LIGHT VC type OR STANDARD.</p> 	FLUORESCENT	<p>The VC type has an external control unit. The head is adapted to the Durst 5x7" enlarger with an adapter plate. We are not aware of any other accessories.</p>	<p>In our experience ARISTO cold light heads tend to be rather uneven. The un-evenness appears fairly soon after purchased from new. This is not because ARISTO is a bad product but simply caused by the nature of the fluorescent light tubes. The VC type heads further have two tubes, each painted with a different dye, creating the two colors necessary to control print contrast. This dye / paint has a tendency to dry / evaporate and crack / fall off in spots and create unevenness. ARISTO heads new and re-manufactured is covered by ONLY a 3-month warranty. USED heads are sold "as is".</p>
<p>Durst Coldlight head LACOLI-184</p> <p>Picture to follow.</p>	<p>FLUORESCENT</p> <p>Adjustable volt input from 100V to 240 volts 50/60Hz.</p>	<p>This head fits snugly inside the condenser compartment of the Durst 10x10" condenser head</p>	<p>This light source is not as powerful as the Aristo cold light head. However it is even and it stays even through it's lifetime. Also, it is adjustable for format being printed. It has the ability to focus the light source in ten steps fitting focal lengths from 150mm through 360mm, the 150mm setting is also used for shorter focal lengths. The light intensity increases for the smaller focal lengths. This is an extremely rare light source, we have only seen two used since 1993, and currently have only one in stock. (Feb 2001.)</p>

**DURST
CONDENSER
HEAD**

CONKIT 10x10"



1000watt halogen
point light sources

Full range of condensers,
coated as well as uncoated,
diffusers,
lamps,
filters,
heat glass,
cold light inserts,
cooling blowers etc etc.

Filter pack for cold-light
emulation.

Diffuser for soft light
printing \$19.00

This is a second generation BW condenser head.

The CONKIT 10x10" is an extremely good condenser head. It is well engineered, the double condenser system are of very high quality yielding extremely good evenness for formats up to 10x10" and very good evenness for 10x10".

It is a three condenser system. One 150mm condenser remains fixed in front of the lamp and two condensers are used in combination according to the focal length of the printing lens.

This condenser head is capable of producing extremely sharp / high definition / high contrast results from BW negatives whether it is used as an opal or point light source.

It is equipped with a sophisticated lamp adjustment feature. The lamp can be adjusted 3-dimensionally. Up/down, left/right and front/back allowing extremely precise centering of the lamp.

It also doubles as a soft light head and/or as a cold light head. Use it as a soft-light head by introducing a diffuser below the condensers or as a regular cold-light head by introducing a diffuser and a filter pack, or as a cold-light head by introducing a diffuser and filter pack.

DURST CLS300



Features and dimensions are almost identical for CLS300 and CLS301. The inside differs and the CLS300 has two more exhaust flanges than the CLS301

2000watt halogen
2x1000watt,
Type: R7S

A replacement lamp kit LAMKIT, with 2x2pc ELR lamps is available. This kit reduces the output to 1200 watts. However, due to the better efficiency of the ELR the light loss will be less than half an f-stop compared to the R7S system.

Full range of mixing boxes from 5x7 to 35mm. Dial extension box.
Semi Closed loop system w/ digital measuring and readout of filtration

A replacement lamp kit LAMKIT is available when original Dichro Mirror Reflectors are no longer available.

The lamps used are standard R7S lamps. Stocked by World Images Inc.

Accessory diffuser \$8.00.

110Volt timer kit.

This is a fourth generation color Dichro head from Durst. This professional head, although from 1965, is still used in thousand of professional labs all over the world. Due to the design it produces more light than any other 2000 watt Dichro head on the market – more than the new CLS2000.

I have heard printers complain that this head is hard to work with because it has a tendency to be slightly uneven in color distribution, for one side of the mixing box to the other. We are aware that slight unevenness can be a problem with this head if not kept meticulously clean. The Reflectors and the large Dichroic filters are sensitive to dust build up. It is also important that the lamps are exchanged regularly. The reflectors are separate from the lamp and have a life span of approx. 7-10 years depending on actual use. Each reflector consists of two tube shaped Dichroic mirrors. If slight unevenness is experienced it can be completely removed by introducing an extra diffuser in the filter tray. An extra diffuser will “cost” less than 1/3 of one f-stop in lost light output.

The R7S lamps can be replaced with the ELC LAMKIT if the output is to powerful or if a more up-to-date lamp solution is preferred.

The CLS 300 head is powered by an external power supply with electronic stabilization, EST300, and facilitates external 220V timers or 110Volt timers via a relay-kit.

<p>DURST CLS1840</p> <p>SEE PICTURE OF CLS 2000, SAME FEATURES.</p>	<p>1000watt halogen. Single lamp.</p> <p>Or 2000 watt halogen via upgrade kit available from Durst.</p> <p>Durst COLAMP 1840 or Durst COLAMP 2000N</p> <p>Durst REFLECTOR</p>	<p>Full range of the most even and advanced mixing boxes on the today's market.</p> <p>All mixing boxes are delivered as a kit, consisting of <u>two</u> mixing boxes. One box, OBEN, is inserted into the lamp housing with snap-in fasteners and is in close contact with the lamp. The main box is used as a final mixing box and also works as a connection to the negative holder.</p> <p>Upgrade kit, for 2000 watt lamp operation.</p> <p>Durst PCM1000 analyser.</p>	<p>This is "The-top-of-the-line-High-Tec" color Dichro head for 10x10" and smaller printing. It has set world standard for evenness and robustness for all formats including 10x10"</p> <p>CLS1840 is the fifth generation Color Dichro Head from Durst. Light output is of course electronically stabilized. The power supply facilitates 110 and 220-volt timers as well as other controllers, PCM1001 etc.</p> <p>The CLS1840 works with PRONEG and LARANEG negative holders. Although the head is made for the L184/L1800/L1840 chassis it will not function with NEGA184 and GRAHALON negative holders.</p> <p>New price in 1995, for the CLS1840 with one 10x10" mixing box, was \$13,950.00.</p>
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DURST CLS2000



1000watt halogen.
Single lamp.

COLAMP 2000N

Durst REFLECTOR

See explanation under
CLS1840.

The CLS2000 use the same
mixing boxes as HL2500,
CLS1840 and the DIGITAL
LIGHT 2500.

This is head is essentially the same as the CLS1840, the difference is that this head use a 2000watt lamp and thus is twice as fast / powerful. The CLS2000 is also built differently internally compared to the CLS1840. It of course has the same basic functions however they way the functions are constructed differes substantially. It is a much heavier construction, springs are bigger and stronger, the shutter blade is heavier and stronger, cams are stronger, etc. etc. The CLS2000 is constructed for heavy use, thousands of prints per day, millions per year and tens of millions during this heads lifetime.

CLS2000 is the sixth generation Color Dichro Head from Durst and also the last and latest generation of Durst Manual Dichro heads for the Durst range of 10x10” enlargers.

The CLS2000 is also used on the Horizontal enlarger HL2500. And the same head with electronic additions are used for the HL2500AF, HL2501Af and HI2506AF.

Light output is of course electronically stabilized. The power supply facilitates 110 and 220-volt timers as well as other controllers, PCM1001 etc.

The CLS2000 works with PRONEG and LARANEG negative holders. Although it is made for the L184/L1800/L1840chassis it will not function with NEGA184 and GRAHALON negative holders.

New price in 1998, for the CLS2000 with one 10x10” mixing box, was \$29,200.00.

**DIGITAL LIGHT
Future
And
DIGITAL LIGHT
2500**

**Picture will follow,
brochure is being
printed.**



KEYBOARD

2500 watt Halogen.
MULTILAMP.

See explanation under
CLS1840.

The Futura and DL2500 use
the same mixing boxes as
HL2500, CLS1840 and the
CLS2000.

The outside features are the exact same as CLS1840 and CLS2000.

The inside is year 2001 technology. It is an electronically stabilized and controlled light engine. The wattage is 2460 watts and the output is slightly less, ¼ f-stop, than the CLS2000. As in every other aspect of photography the final output and function of a piece of equipment is a compromise of several factors. A little light out put has been sacrificed for evenness.

The light evenness of the DL2500 is better than any other Color head on the market. Light fall off is less than 1/10 of an f-stop even in the extreme corners of the 10x10” format. Color evenness is better than 2cc anywhere on the 10x10” format.

This head is constructed specially to meet the demands presented by digitally produced negatives and transparencies and also to meet the demands from negatives and transparencies created with the new generation high quality and “long focal length” shooting lenses.

When shooting with the new generation lenses from Schneider and Rodenstock very often there is little or no light fall-off on the negative or transparency. This presents new challenges for the light-evenness in the mixing box system.

In durability and building strength this head compares to the CLS1840.

There are no mechanical dials for color and density settings. The DL2500 is completely computerized and keyboard controlled.

Specifications:

Keyboard controlled via 32 key dedicated keypad with two-line 40 character LCD display.

Light Source:

Fully stabilized Tungsten Halogen, variable down to 60% of max. output without any change in color temperature. The output is set via keyboard input. (ND: 4-stops for color and 2 f-stops for BW)
Average lamp life is 120 hours.

Shutter:

			<p>Built in rotary shutter and digital timer with range 0-999 secs.</p> <p>Color Control System: Motorized automatic filter setting. Actual setting and input controlled via keyboard. 0-180 CC step-less and fade free Color Dichro glass filters. Repeatability +/- 1 CC. Lamp change repeatability 1 CC with same brand lamp.</p> <p>Variable Contrast BW Control System: Built in VC filter control system. Grades 0-5 adjustable in 0.1 grade steps. Lamp change repeatability +/- 0.2 grade steps.</p> <p>MEMORY: 25 paper channels 300 print channels saving job #, roll #, frame # and all printing data for each print.</p> <p>Compatibility : Video analyzer (VCNA) Direct data input, barcode data entry, compatible with DVAS, CVIS, BBS and SVC.</p> <p>Maintenance: Modular design, all components are modular, lamps or the entire lamp engine can be changed in seconds.</p>
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**HK877-2000
DICHROMAT.**



2000watt 8 LAMP
HALOGEN
AUTOMATED
DICHRO LIGHT
SOURCE.

The HK head works with a fixed mixing chamber. There are no possibility to intensify the light for smaller formats. The mixing chamber is 10x10” with a very high output due to a very short distance from the lamps to the negative.

The HK2000 is a motorized light source. It is no match for the Durst heads or for the DIGITAL LIGHT. However it is a very good head, quite unfairly is has received a somewhat bad image. The reason for this is that the electronic and electrical systems on the HK enlargers was very unstable and flimsy. This fact has “rubbed off” on the light source. For a Fine Art photographer with mainly pictorial images – that is no evenly gray backgrounds with delicate text, this head is a perfect match. And for BW it is sheer luxury.

We have spiced this head up with DIGITAL LIGHT sensor and a digital display showing actual filtration. Filtration is set with three small joysticks, one for each color.

We have made a special adapter for the Durst L184/L1800 and L1840. Working with these chassis the HK has a very strong feature. The design is very flat, compared to CLS1840 it requires 16” LESS ceiling height. It does not protrude above the chassis when the head is fully raised.

<p>DeVere 1010XHL DICHROMAT.</p> <p>Picture to follow</p>	<p>2000watt 8 LAMP HALOGEN MANUAL DICHRO LIGHT SOURCE.</p>	<p>DeVere mixing chambers for 10x10", 4x5" and 6x9cm.</p>	<p>The DeVere range of light sources has, quite justly, received a reputation for unevenness in both light output and color. The DeVere factory chose to maximize light output on the cost of "Ease in adjusting evenness in light out put and color".</p> <p>The DeVere light heads generally has 1-1,5 f-stop more light output per "watt" than other heads on the market.</p> <p>And IT IS POSSIBLE to adjust this head to very thight tolerances in evenness. It is not easily done and needs to be done fairly often.</p> <p>Then Mr. Burkett, a very demanding Fine Art / Cibacrome printer in Vernonia, is using a DeVere Dichromat on a daily basis. And so are thousands of labs all over the world.</p> <p>For a Fine Art photographer with mainly pictorial images – that is no evenly gray backgrounds with delicate text, this head is a perfect match. And for BW it is sheer luxury.</p> <p>If you are looking for "a lot of light" at a fairly low cost this is a good option.</p> <p>We have made a special adapter for the Durst L184 / L1800 and L1840. Working with these chassis the HK has a very strong feature. The design is very flat, compared to CLS1840 it requires 11" LESS ceiling height. It hardly protrudes above the chassis when the head is fully raised.</p>
<p>ACS403, (Pavelle 403), made by DURST UK in the sixties.</p> <p>Picture to follow.</p>	<p>1000watt Halogen Light source.</p>	<p>Internal mixing boxes. 8x10" through 4x5"</p>	<p>This head is a quite new discovery to us. How to describe it, my opinion is entirely based on seeing two heads that we had / have in stock. I have not worked with this particular head and have no contact with any users. If you are a user and see this posting please feel free to email us your experiences with this particular head.</p> <p>It is a poorly and inexpensively made head. Light distribution is very uneven and inefficient lightsource. This head can only be a "starter" for a beginning BW photographer who requires 8x10".</p> <p>The current used price varies between \$350 - \$500.00 and is a very good indication for its quality.</p> <p>It is produced specially for Durst the L184 chassis.</p>

We will soon publish a chart comparing light out put / wattage on each of the light heads above.