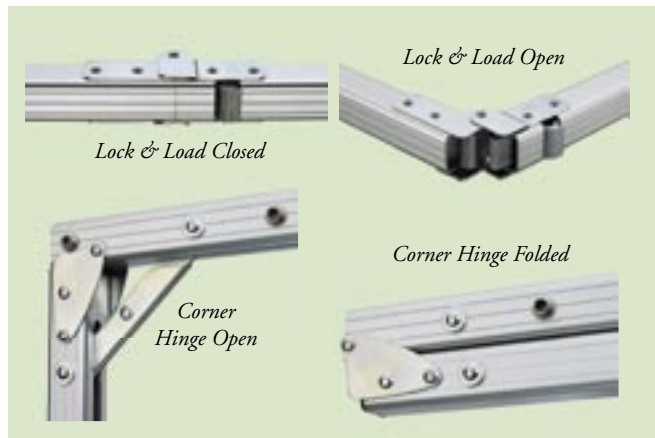# Ultimate Folding Screen

The world's most precisely manufactured folding screen

The Ultimate Folding Screen is the first screen manufactured with 100% CNC (Computer Numerical Controlled) components and assembly. The tubing is CNC machined, surfaces and borders are CNC cut; even rivet and snap holes are CNC placed. **No competitive product meets this standard.**

Our new Lock & Load latch (patent pending) is designed for ease of operation and maximum life. Lock & Load latches bite down when the surface is attached, making the frame extremely rigid. Latch parts are internal for better protection, and they completely fill the tube for superior strength. Combine these advantages with clear anodized 3 cm (1.25″) x .070 wall aluminum tubing and you've got the precision and stability that allows Draper to offer the Ultimate Folding Screen in sizes through 386 cm x 508 cm (152″ x 200″).

Patent Pending

Lock & Load Closed

Lock & Load Open

Corner Hinge Open

Corner Hinge Folded

System Options

- *Viewing Surfaces*—Choose a Flexible Matt White for front projection or Cineflex for rear projection. All surfaces have square corners. Borders are electronically welded using a new PVC material that provides straighter, cleaner edges.

- *Sizes: Two Format Options Available*—UFS Standard Sizes, and UFS Euro sizes (charts at right). Standard format viewing surfaces may be interchanged with Cinefold surfaces and have 7 cm (2¾″) of black masking border. (Cinefold detailed on page 17.) Euro format viewing surfaces have 10 cm (4″) of black masking border.

- *Frame & Legs*—Standard T-Legs support the Ultimate Folding Screen in a vertical position. The screen may also be tilted for keystone elimination using Heavy-Duty Legs which offer extra stability. Screen pictured above has Heavy-Duty Legs. Super Heavy-Duty Legs are recommended for added stability on frame heights greater than 320 cm (10½′).

- *Carrying Case*—The Ultimate Folding Screen comes packed in Draper's heavy-duty, molded polyethylene, carrying case. Each case has two wheels. The handles are molded into each end of the case. Lid handle is steel with a rubber grip and recessed into an inset. Lid is secured with two adjustable straps.

Standard Formt

Overall Size H x W (cm)	Image Area H x W (cm)	Nominal Diagonal
Square Format		
183 x 183	170 x 170	
213 x 213	201 x 201	
244 x 244 [1]	231 x 231	
274 x 274 [1]	262 x 262	
305 x 305 [1]	292 x 292	
366 x 366 [2]	354 x 354	
NTSC/PAL Format		
137 x 188	125 x 173	7½′/229 cm
158 x 211	145 x 198	100″/254 cm
183 x 244	170 x 231	10′/305 cm
229 x 305 [1]	216 x 292	150′/381 cm
274 x 366 [1]	262 x 353	15′/457 cm
320 x 427 [2]	307 x 414	200″/508 cm
376 x 498 [2]	354 x 475	240″/610 cm
HDTV Format		
142 x 243	130 x 231	106″/269 cm
158 x 274	145 x 262	119″/302 cm
175 x 305	163 x 292	133″/338 cm
211 x 366	198 x 353	161″/409 cm
285 x 498 [1]	272 x 485	220″/558 cm
Slide Format		
122 x 183	109 x 170	
152 x 229	140 x 216	
183 x 274	170 x 262	
213 x 320	201 x 307	
244 x 366 [1]	231 x 353	

Euro Format

Overall Size H x W (cm)	Image Area H x W (cm)	Nominal Diagonal
Square Format		
203 x 203	183 x 183	
249 x 249 [1]	229 x 229	
295 x 295 [1]	274 x 274	
340 x 340 [2]	320 x 320	
386 x 386 [2]	366 x 366	
447 x 447 [2]	427 x 427	
NTSC/PAL Format		
157 x 203	137 x 183	90″/229 cm
170 x 221	150 x 201	100″/254 cm
203 x 264	183 x 244	120″/305 cm
231 x 300 [1]	211 x 279	138″/351 cm
249 x 325 [1]	229 x 305	150″/381 cm
264 x 345 [1]	244 x 325	160″/406 cm
295 x 386 [1]	274 x 366	180″/457 cm
310 x 406 [1]	290 x 386	190″/483 cm
340 x 447 [2]	320 x 427	200″/508 cm
386 x 508 [2]	366 x 488	240″/610 cm
HDTV Format		
142 x 239	122 x 218	98″/249 cm
170 x 287	150 x 267	120″/305 cm
203 x 345	183 x 325	147″/373 cm
249 x 424 [1]	229 x 404	183″/465 cm
295 x 508 [1]	274 x 488	220″/559 cm
Slide Format		
142 x 203	122 x 183	
170 x 244	150 x 224	
203 x 295	183 x 274	
231 x 333 [1]	211 x 312	
264 x 386 [1]	244 x 366	

[1] *Heavy-Duty Legs are recommended for frame heights greater than 229 cm (7½′).*
[2] *Super Heavy-Duty Legs are recommended for added stability on frame heights greater than 320 cm (10½′).*
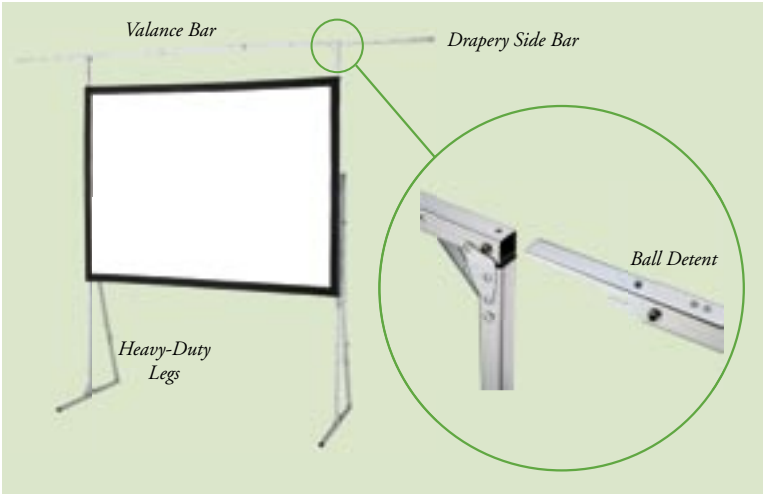
Dress Kit

For a professional appearance

Create a professional, theatre-like appearance by draping your Ultimate Folding Screen, Cinefold or Truss Cinefold with a velour Dress Kit. Stage curtains surround the viewing surface, pulling the audience's focus to your presentation on the screen.

All Dress Kit fabrics are flame proofed. Dress Kits are especially worthwhile for rear screen presentations. In addition to framing your presentation, the velour curtains will hide projection equipment, shield projector light from the audience, and help eliminate ambient light in the projection area.

A complete Dress Kit includes 117 cm (46″) skirt, 30 cm (12″) valance, and two 81 cm (32″) side drapes, all in rich velour. Valance bar and drapery bars fit snugly into the top of the frame of the screen—no tools needed. The viewing surface is fitted with snaps to accept the skirt.

System Options

• *Fabric*—622 g (20 oz.) velour made from 100% cotton is offered in black (standard) or rich navy (optional).

• *Frame & Legs*—Heavy-Duty Legs are recommended with all Dress Kits.

• *Carrying Case*—A wheeled, polyethylene carrying case is optional and recommended for each Dress Kit.

Cinefold

The original folding screen in a wheeled case

Cinefold is the portable screen to meet every need. Trainers, producers, presenters—everyone who takes a show on the road will appreciate the Cinefold's many advantages. Every Cinefold sets up quickly without tools, and collapses into a compact luggage-type wheeled case for travel or storage.

The Cinefold frame and legs are built of 2.5 cm (1″) square aluminum tubing and are color-coded for quick assembly. Steel hardware is cadmium plated. When assembled, the bottom of the frame is normally 112 cm (44″) above the floor and adjusts in 15 cm (6″) increments. Frame, legs, viewing surfaces and accessories are all standardized for easy replacements or additions to the system. Front projection and rear projection surfaces are easily interchangeable. Dress Kits available (see above).
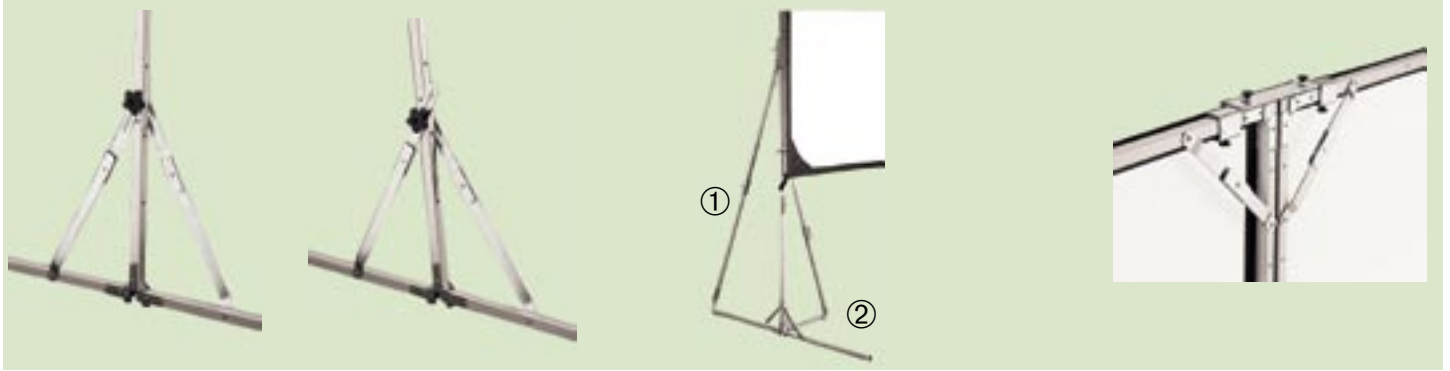
System Options

• *Viewing Surfaces*—Choose a Flexible Matt White for front projection or Cineflex vinyl for rear projection. Bordered in black, surfaces are interchangeable.

• *Carrying Case*—The Cinefold comes packed in Draper's heavy-duty, molded polyethylene carrying case. Each case has two wheels. The handles are molded into each end of the case. Lid handle is steel with a rubber grip and recessed in an inset. Lid is secured with two adjustable straps.

Overall Size (cm)	Image Area (cm)	Overall Size (cm)	Image Area (cm)	Nominal Diagonal
Square Format		*NTSC/PAL Format*		
152 x 152	142 x 142	119 x 152	109 x 142	6′/183 cm
183 x 183	173 x 173	137 x 188	127 x 178	7½″/229 cm
244 x 244	234 x 234	183 x 244	173 x 234	10′/305 cm
274 x 274 [1]	264 x 264	229 x 305	218 x 295	150″/381 cm
305 x 305 [1]	295 x 295	274 x 366 [1]	264 x 356	15′/457 cm
366 x 366 [1]	356 x 356	320 x 427 [2]	310 x 417	200″/508 cm
Slide Format		*HDTV Format*		
122 x 183	112 x 173	142 x 244	132 x 234	106″/269 cm
152 x 229	142 x 218	157 x 274	147 x 264	119″/302 cm
183 x 274	173 x 264	175 x 305	165 x 295	133″/338 cm
213 x 320	203 x 310	211 x 366	201 x 356	161″/411 cm
244 x 366 [1]	234 x 356			

[1] Heavy-Duty Legs recommended.
[2] Heavy-Duty Legs and anti-sway stabilizers recommended.
Custom sizes are available.

Valance Bar

Drapery Side Bar

Ball Detent

Heavy-Duty Legs

Cinefold Features

T-Legs

Standard legs constructed of sturdy 2.5 cm (1″) square aluminum tubing, anodized for long life. Hinged inverted "T" shape, with rubber-tipped feet.

Keystone Elimination

T-legs may be adjusted to allow the CINEFOLD to tilt forward up to 8°. Eases viewing and helps to compensate for image distortion.

① Heavy-Duty Legs

Extra reinforcement against front-to-back movement. Recommended for any screen over 229 cm x 305 cm (7½′ x 10′) or for any screen used with a DRESS KIT.

② Anti-Sway Stabilizers

Reinforce against side-to-side movement. May be mounted either inside or outside CINEFOLD leg. Recommended for screens over 320 cm x 427 cm (10½′ x 14′) and for use with DRESS KITS.

Joining Clamp/Masking Strips

Join two or more screens for a really wide screen. Clamps join screen frames from back, then L-shaped section wraps to front and accepts snaps on masking strips. Masking strips conceal hardware and provide image continuity.

Truss-Style Cinefold

For larger-than-life presentations.

The TRUSS-STYLE CINEFOLD has extra-rigid truss-style frames and legs constructed of parallel sections of 2.5 cm (1″) square aluminum tubing, welded to form a sturdy 15 cm (6″) wide truss. All aluminum is clear satin anodized for long life; steel parts are plated. Truss frames have 15 cm (6″) wide piano hinges reinforced by two positive locking hinge latches and a HANDY CRANK directly through the hinge point.

All TRUSS-STYLE CINEFOLDS include heavy-duty legs and anti-sway stabilizers.

System Options

- **Viewing Surfaces**—TRUSS-STYLE CINEFOLDS are available with FLEXIBLE MATT WHITE front or CINEFLEX rear projection surfaces.

- **Carrying Case**—Two or more heavy-duty, molded polyethylene wheeled carrying cases are included. Dimensions are 33 cm high x 52 cm wide x 214 cm long (13″ x 20⅝″ x 84⅛″).

- **Dress Kits**—Optional Dress Kit includes: 112 cm (44″) skirt, 30 cm (12″) valance and two 81 cm (32″) side drapes, all in rich velour.

Overall Size H x W (cm)	Image Area H x W (cm)	Nominal Diagonal
Square Format		
183 x 183	170 x 170	
274 x 274	244 x 244	
305 x 305	274 x 274	
335 x 335	305 x 305	
396 x 396	366 x 366	
NTSC/PAL Format		
213 x 274	183 x 244	10′/305 cm
259 x 335	229 x 305	150″/381 cm
305 x 396	274 x 366	15′/457 cm
351 x 457	320 x 427	210″/533 cm
396 x 518	366 x 488	240″/609 cm
488 x 640	457 x 610	250″/635 cm
579 x 762	549 x 732	30′/914 cm
HDTV Format		
305 x 518	274 x 488	220″/559 cm
335 x 579	305 x 549	245″/622 cm
373 x 640	343 x 610	275″/699 cm
442 x 762	411 x 732	330″/838 cm

Truss Cinefold Features

L-Brace

All Truss CINEFOLDS over 762 cm (25′) wide feature a special back brace consisting of a full-width truss attached to the top of the frame at right angles to the screen. Adds strength and prevents sagging, while maintaining complete portability.
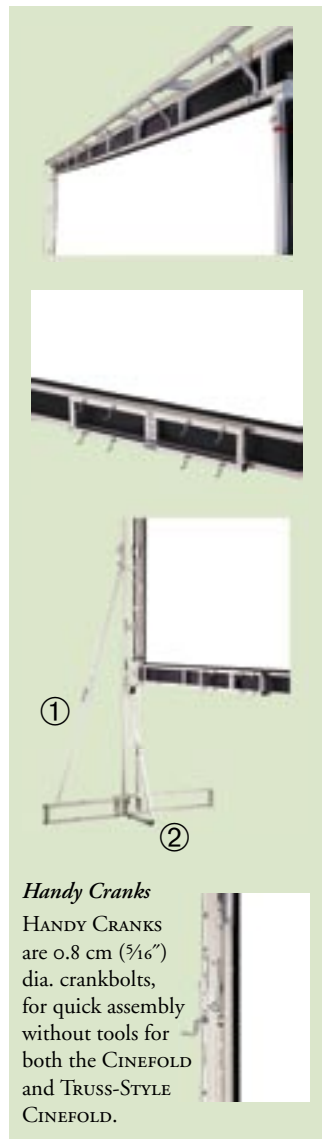

Frame Stiffeners

All horizontal hinges on TRUSS-STYLE CINEFOLDS are reinforced by truss frame stiffeners, which mount across the back of the hinge and are held rigidly in place by 8 HANDY CRANKS.

① Heavy-Duty Legs

Standard equipment on all TRUSS-STYLE CINEFOLDS, heavy-duty legs reinforce against front-to-back movement.

② Anti-Sway Stabilizers

Furnished with all TRUSS-STYLE CINEFOLDS to prevent side-to-side movement. Install to inside or outside of truss foot.

Handy Cranks

HANDY CRANKS are 0.8 cm (5/16″) dia. crankbolts, for quick assembly without tools for both the CINEFOLD and TRUSS-STYLE CINEFOLD.