

1975

About Our Materials

Fabric: Our nylon fabric was chosen for its strength, durability, water-proofness and light weight.

Leather: We use only the finest top grain, chromed tanned leather. Chosen for its strength (shoulder straps and accessory strap holders) and abrasion resistance (pack bottoms), all our leather is treated to make it highly resistant to water penetration.

Zippers: We use two types of zippers. Both are strong, durable, and provide smooth running performance. The coil zipper provides self repairing qualities while the Delrin zipper (with teeth as opposed to the coil) is used on models designed specifically for extreme cold weather applications where "icing" of the zipper might otherwise be a problem.

Webbing: Only nylon webbing is used because of its properties of strength, long life, abrasion resistance, and mildew resistance.

Hardware: Tested and chosen for its strength and long lasting finish, our hardware is the finest available anywhere.

Aluminum: The aluminum used for our stay bars has been chosen for its light weight, strength, and resiliency/bend ratio. Two different types are used depending on the function and needs of the pack model.

Thread: Our 3-ply, bonded nylon thread was originally designed for the shoe industry. In most cases the thread has as much or more strength than the already tough nylon fabric through which it is sewn.

About Our Features

Shoulder Straps: Most HINE/SNOWBRIDGE pack models feature fully padded, swing mounted, 7 to 8 ounce

leather shoulder straps. Because of this swing mounting, they adjust readily to the user's shoulder width and load, providing a more comfortable riding pack. The padding adds comfort and allows the shoulders to "breathe".

The Serex has extra wide (2-1/2") shoulder straps made of nylon fabric covered foam to provide extra shoulder comfort in carrying the large loads which the Serex is designed to handle. The Serex straps are also internally reinforced with nylon webbing. All shoulder straps are easily adjusted while the pack is on your back.

Waist Belts: Waist belts prevent the pack from bouncing and shifting when on the trail. In the Serex, they provide a major portion of the carrying support. Our unique removable waist belts are standard on most models. They snap on and off in seconds and can be removed when not wanted or in the way. The length of these removable belts is also adjustable from either end to allow exact positioning of the snap where it will be least in the way. The 4" wide Serex waist belt, made of nylon covered fabric and internally reinforced with 2" nylon webbing, is designed to carry most of the pack's weight, transferring it to the user's hips.

Leather Bottoms: The pack bottoms of some of our models are made from 5 to 6 ounce, full grain, stuffed leather designed to give maximum abrasion resistance against rocks and other hard surfaces.

Aluminum Stays: Stay bars in the Mountaineers and the Chinguapin are made from 1/8" x 5/8" 6063-T5 aluminum which allows them to be easily bent to fit the contours of the wearer's back. At the same time they retain just enough "spring." The stays help hold the shape of the pack, give

more support to the load, and aid in keeping objects in the pack from pushing against the wearer's back. The stays used in the Serex are made from 1/8" x 1" 6061-T6 aluminum because of the much larger loads for which the Serex is designed. In addition to the functions already mentioned above, Serex stays allow positive transfer of the pack load to the waist belt and hips.

Accessory Strap Holders: Accessory strap holders are used to strap extra items to the pack. Our accessory strap holders come in several sizes, depending on the model and the function for which the pack was designed. All are made from tough 7 to 8 ounce leather.

Zippers: All our zippers are double sewn to the fabric, providing twice the strength of zippers in many other packs on the market. Most of our zippers also have a cover flap made of the pack fabric which protects the zipper from rain, snow, and abrasion.

Stitching: All HINE/SNOWBRIDGE packs are double, and sometimes triple sewn at points of high stress such as where attachments are made through seams. On larger models, all major structural seams are double sewn to give the pack an extra margin of safety for carrying extra heavy loads under extreme conditions.

About Our Guarantee

All HINE/SNOWBRIDGE packs are guaranteed against defects in materials and workmanship for their useful lives. We will gladly repair any defect which is not the result of misuse or normal wear and tear. Please contact your dealer should any problems or questions arise.

Model Comparison Chart

MODELS	Serex	Serex Optional Pockets (Pair)	Ski Mountaineer	Mountaineer	Chinguapin	Slant Line Deluxe	Slant Line Standard	Day Pack	H/S Basic	Powell Pack	Belt Pack	
MATERIALS												
FABRIC	8 oz. Waterproof Nylon											
	8 oz. Waterproof Cordura											
ZIPPERS	11 oz. Waterproof Cordura											
	YKK #5 Delrin											
	YKK #5 Coil											
ALUMINUM STAYS	1/8" x 1" 6061-T6											
LEATHER	1/8" x 5/8" 6063-T5 (Removable)											
WEBBING	Top Grain—Chrome Tanned											
HARDWARE	High Strength Nylon											
THREAD	Rustproof Finish											
	High Strength Nylon											
FEATURES												
SHOULDER STRAPS	8 oz. Nylon Covered Foam/Web											
	Swing Mounted, Felt Padded Leather											
	2" Nylon Webbing											
WAIST BELT	8 oz. Nylon Covered Foam/Web											
	Removable—3/4" Web											
	2" Nylon Webbing											
MAIN BAG CLOSURE	Draw String with Cover Flap											
	Zipper											
ADDITIONAL FEATURES	Ski Attachments—Leather or Web											
	Leather Bottom—Chrome Tanned											
	Accessory Strap Holders—Leather											
	Double Sewn Zippers											
	Covered Zippers											
	Double Sewn at Points of High Stress											
	Zipper Tabs—Leather											
	Ice Ax Carrier											
	Hauling and Hanging Strap											
SPECIFICATIONS												
WEIGHT	(Ounces)	63	6	46	43	31	28	18	16	11	2	
APPROX. VOLUME	(Cubic Inches)	4500+	360	2000+	2000+	1425+	936	936	950	900	470	70
COLOR	Navy Blue											
	Forest Green											
	Bright Red											
	Orange											
	Yellow											
APPROX. SIZE (Main Bag Only)	Height	26"	12"	18"	18"	16-1/2"	17"	17"	16"	14"	5-1/2"	4-1/2"
	Depth	8"	2-1/2"	6-1/2"	6-1/2"	6"	6"	6"	5"	5-1/2"	5"	2"
	Width	16"	6"	12"	12"	12"	11"	11"	12"	10"	18"	7"



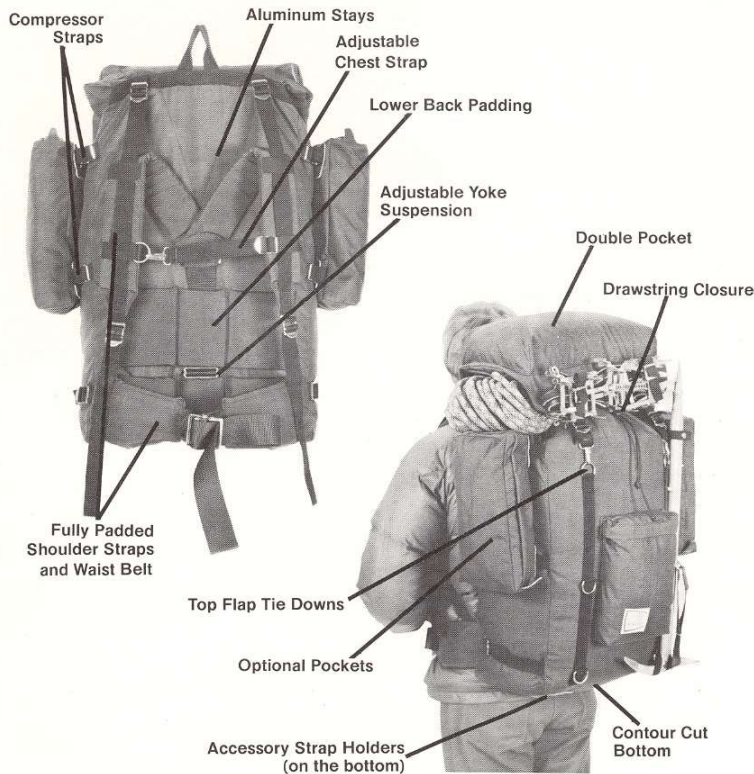
Serex

The Serex, our expedition grade pack, is designed to overcome some of the inherent problems of a frame pack. It is ideally suited for summer/winter mountaineering, hiking into almost inaccessible climbs, high country extended ski tours, and many other applications where the user does not want the rigid back and shoulder constrictions of a standard frame pack. The Serex is a pack that provides a "live" load which moves

with your body instead of fighting it.

The Serex combines an adjustable yoke suspension system, internal aluminum stays, compressor side straps and a draw string opening to make the pack as versatile in fitting different people as it is adjustable in fitting different load volumes.

A perfect mating of design and function, the Serex is equally suited for carrying large loads into a base camp as it is for taking a minimum of



Serex

Primary Function: Expeditions—Including extended winter/summer mountaineering, ski touring, rock climbs, and other uses where maximum load capacity and pack flexibility are desirable.

Weight: 63 oz.

Approx. Size: 26" x 8" x 16"

Approx. Volume: 4,500

Color: Forest Green

Optional Pockets (Pair)

Weight: 6 oz. (Pair)

Approx. Size: 12" x 2-1/2" x 6" (Each)

Approx. Volume: 360 cu. in. (Pair)

Color: Forest Green

equipment to a day climb.

The adjustable yoke suspension system allows the Serex to be carried by almost everyone, large or small. It allows the pack to change hands in the middle of an expedition so that a variety of personnel can use it. The yoke suspension also allows the wearer almost limitless adjustability to alter the pack's position while keeping the load close to the back. The compressor straps, draw string closure, and adjustable top flap tie down straps allow the pack to be carried comfortably with an extremely variable volume of loads. Fully extended, the pack can carry over 4500 cubic inches of equipment; contracted, it can be carried with a minimum of equipment without bothersome shifting of the load.

The Serex is designed to be carried much along the lines of a frame pack with the tapered bag and canted bottom concentrating the load on the waist belt. The pack bag is also sewn directly into the waist belt for positive weight transfer, while the waist belt is designed to flair when it is tightened down to sit on the wearer's hips instead of just cinching around them.

The entire suspension system of the Serex has been reinforced. Nowhere is it dependent on the fabric for strength. Everywhere the web is sewn into the fabric, it connects with, or is sewn into, a backing of another piece of web. This insures that the pack will hold up under maximum stress.

As with all large volume packs, the load and activity dictate the way the user should pack and carry his equipment. It is recommended that he try to pack the bag in a way that it keeps its front-back profile. This keeps the load close to the back. We suggest the wearer stuff the bag first, then pull the compressor straps to tighten the load.

After a little time on the trail, the user quickly finds the most comfortable suspension system adjustment for his particular load and type of terrain. The load adjusts quickly and easily from the shoulders to the hips and back while carrying the pack, providing maximum adjustability for any type of load and changing terrain.

While the basic pack has adequate volume for almost any use, the Serex can easily be fitted with our optional side pockets for those who need more room or increased compartmentalization.



Outdoor enthusiasts know how important their equipment is. This is especially true of the pack, an essential item that takes more punishment than any other single piece of equipment. Whether your interests lie in hiking, ski touring, climbing, extended backcountry backpacking or mountaineering expeditions, the pack you wear should be well-built, reliable, long-lasting, versatile, comfortable and functional. HINE/SNOWBRIDGE makes packs to fill these needs.

The specialists at HINE/SNOWBRIDGE make only one product—the pack you rely on. We devote our full effort to the design and manufacture of packs alone. And we provide a better product because of that full time effort.



HINE/SNOWBRIDGE was founded by experienced backpackers with the conviction that the customer needs and deserves the best in design, function, materials and workmanship at reasonable prices. Compare HINE/SNOWBRIDGE packs with others. We think you'll agree we've achieved our goals. Compare. Don't overlook the small details such as quality of stitch, large backings on rivets, hardware and straps. It's the many little extras that make the big difference. The HINE/SNOWBRIDGE difference.

We're the pack people that leave nothing out when it comes to building your pack.



Chinquapin	
Primary Function:	Medium length day hikes, ski tours, and climbs. An excellent medium capacity "around town" and students pack. Bicycling.
Weight:	31 oz.
Approx. Size:	16-1/2" x 6" x 12"
Approx. Volume:	1425+ cu. in.
Colors:	Navy Blue, Forest Green, Bright Red, Bright Orange



Chinquapin (Chin-kwa-pin)

The Chinquapin has many of the same features of the Mountaineers except that it is cut slightly smaller and has fewer "extras." Features include the H/S felt padded leather, swing mounted shoulder straps, removable aluminum stay bars, YKK coil zipper in the large top flap pocket, draw string closure on the main compartment with Fixlock cord lock, canted leather bottom, and removable waist belt.

Mountaineers

Mountaineers are among the most versatile medium capacity packs available. Not just ordinary hiking-climbing rucksacks, they combine the H/S felt padded leather, swing mounted shoulder straps and removable aluminum stay bars with the ruggedness and durability of YKK Delrin zippers and leather bottoms. Mountaineers have large (9" x 3" x 5") side pockets—large enough for a "poly" bottle and then some—and a big top flap pocket (11" x 3" x 10"). Besides three regular accessory strap holders on the top flap, these packs have two of the unique H/S extra large accessory strap holders on the bottom for strapping on parkas and other accessory equipment. The Mountaineers have easy access to the main compartment with a draw string opening and a Fixlock cord lock. Other features include a canted bottom to keep the load close to the back, clip in-out shoulder straps for quick removal, and the unique H/S removable waist belt which is adjustable from either side for the most comfortable positioning of the snap.

The Mountaineer and the Ski Mountaineer are identical although the Ski Mountaineer has ski slots behind the side pockets and large accessory strap holders above and below the pockets for attaching skis.



Mountaineer	
Primary Function:	Long one day hikes, climbs, and ski tours; one night bivouacs; cross country hitchhiking; outings where a medium capacity pack is desirable. Also excellent carry-on airline luggage.
Weight, Mountaineer:	43 oz.
Weight, Ski Mountaineer:	46 oz.
Approx. Size:	18" x 6-1/2" x 12"
Approx. Volume:	2000+ cu. in.
Colors:	Navy Blue, Forest Green, Orange

Slant Lines	
Primary Function:	Shorter hikes, ski tours, bicycle trips, climbs, and "around town" general purpose uses with an emphasis on compartmentalization.
Weight, Slant Line Standard:	18 oz.
Weight, Slant Line Deluxe:	28 oz.
Approx. Size:	17" x 6" x 11"
Approx. Volume:	936 cu. in.
Colors:	Navy Blue w/Yellow Flaps, Forest Green w/Yellow Flaps, Navy Blue w/Red Flaps



Slant Lines

Basically a classic tear drop design with an upper and lower compartment. Diagonal zippers on the Slant Lines make these packs stand out. By placing the zippers in a slanted fashion there is access into both the bottom as well as the top of each compartment. Each zipper has two sliders allowing opening from either end. Both models have the H/S swing mounted shoulder straps made of fully felt padded, top grain leather, removable waist belt, ice axe carrier, hauling strap, and canted bottom.

The "Standard" model comes with a nylon bottom (with two small accessory strap holders) while the "Deluxe" model has a leather bottom (for more rugged use) with two large accessory strap holders for attaching extra equipment.



Day Pack

Rectangular in design, the Day Pack has a 16" zipper all the way around the top front. Features include a front pocket for organizing smaller items, the H/S swing mounted, padded shoulder straps, removable waist belt, hanging strap, and covered zippers.

Day Pack	
Primary Function:	General purpose uses including day hikes, ski tours and bicycle trips. Student's book pack.
Weight:	16 oz.
Approx. Size:	16" x 5" x 12"
Approx. Volume:	950 cu. in.
Colors:	Navy Blue, Forest Green, Bright Red, Bright Orange

Powell Pack	
Primary Function:	Day ski tours, hikes, and climbs where maximum shoulder freedom is desirable. Also downhill skiing.
Weight:	11 oz.
Approx. Size:	18" x 5-1/2" x 5"
Approx. Volume:	470 cu. in.
Colors:	Navy Blue, Bright Red

Powell Pack

The Powell Pack, primarily designed for ski touring, is worn around the waist, thus completely freeing the user's shoulders. Its volume, larger than most waist packs, allows the wearer to carry a variety of items for a day outing. Features include two slides on the zipper for easy access, two accessory strap holders on top for strapping on extra items, and a wide (2") waist belt for added carrying comfort. It is contoured for a better fit around the wearer's back and is light enough to be carried as a second pack inside a frame pack.



H/S Basic

The H/S Basic is an excellent pack for the economy minded individual. Inexpensive, but look at these features: Draw string closure with a cord lock; top flap pocket; kangaroo pocket on the front; strong nylon web shoulder straps; hang loop; double sewn zipper; reinforced stitching at points of high stress; "dee" rings provided for attachment of a waist belt.

H/S Basic	
Primary Function:	An ideal pack for short hikes, ski tours, bicycling and students. Also an excellent "summit pack" for carrying in larger packs.
Weight:	11 oz.
Approx. Size: (main bag)	14" x 5-1/2" x 10"
Approx. Volume:	900 cu. in.
Colors:	Navy Blue, Forest Green, Bright Red, Bright Orange

Belt Pack	
Primary Function:	Carrying small items where quick access is useful. Sorting and organizing items in larger packs.
Weight:	2 oz.
Approx. Size:	7" x 2" x 4-1/2"
Approx. Volume:	70 cu. in.
Colors:	Navy Blue, Forest Green, Red, Orange, Yellow

Belt Pack

Designed to be carried on the user's belt, this small pack can be used for anything from first aid kits to ski touring wax sorters. It also can be used as a seat bag on bicycles.



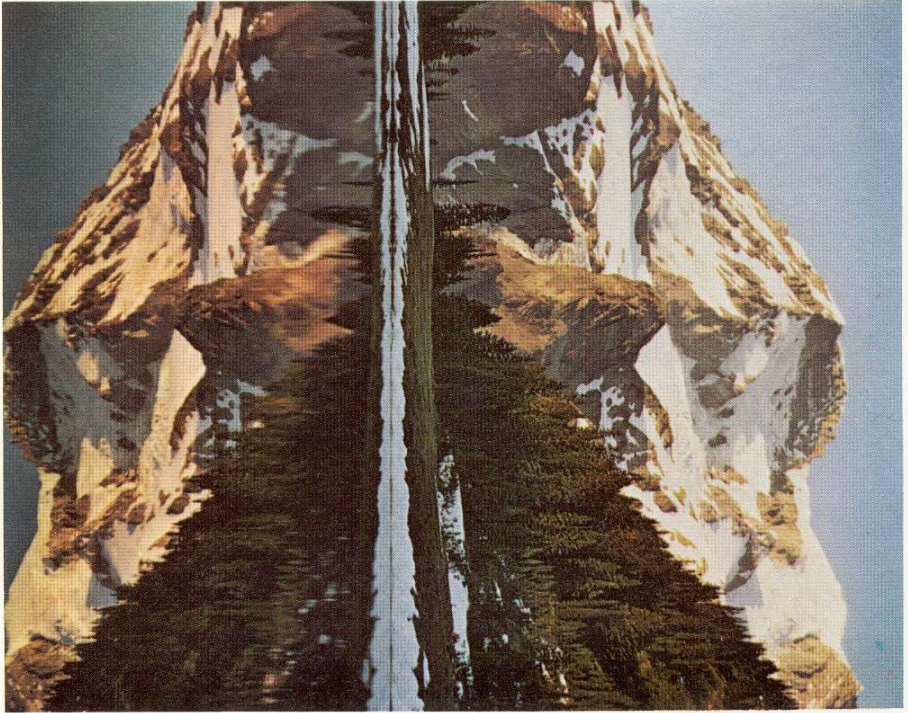


PHOTO CREDITS: (Front cover) On the front range of the Rockies; P. Harris photo. (Back cover) Mt. Rainier from Klappatche Park; E. K. Hine, Jr. photo.



HINE/SNOWBRIDGE, INC.
P.O. Box 1459,
Boulder, Colorado 80302

