



Specific information



General information



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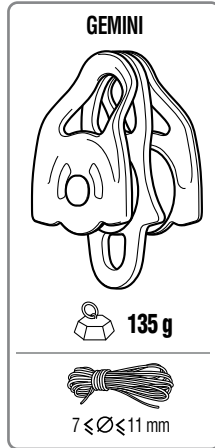
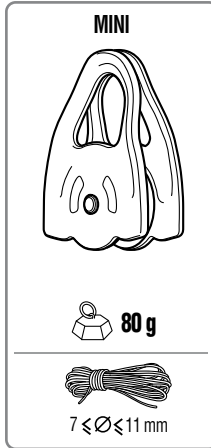
3 year guarantee - Made in France

Specific information

MINI

GEMINI

(EN) Pulley
(FR) Poulie
(DE) Seilrolle
(IT) Carrucola
(ES) Polea



CE 0082 EN12278

UIAA

individually tested



NFPA CERTIFICATION FOR MINI P59A and GEMINI P66A

THIS MINI / GEMINI MEETS THE
AUXILIARY EQUIPMENT REQUIREMENTS
OF NFPA 1983, STANDARD ON LIFE
SAFETY ROPE AND EQUIPMENT FOR
EMERGENCY SERVICES, 2006 EDITION.

MBS 23 kN
L (LIGHT USE)
MEETS NFPA
1983 (2006 ED.)



After removing the notice from the equipment,
make a copy of it and keep the original as part
of a permanent record that includes the usage
and inspection history for the equipment. Keep
the copy of the notice with the equipment and
refer to it before and after each use. Additional
information regarding auxiliary equipment can
be found in NFPA 1500, Standard on Fire
Department Occupational Safety and Health
Program, and NFPA 1983, Standard on Fire
Service Life Safety Rope and System
Components.

Tracability and Markings

MINI

GEMINI

CE 0082

a. Body controlling the manufacture of this PPE

b. Notified body that carried out the CE type inspection

APAVE SUD Europe BP 193,
13322 Marseille Cedex 16
N°0082

c. Traceability: datamatrix = product reference + individual number

e. Individual number

00 000 A 0000

f. Year of manufacture

g. Day of manufacture

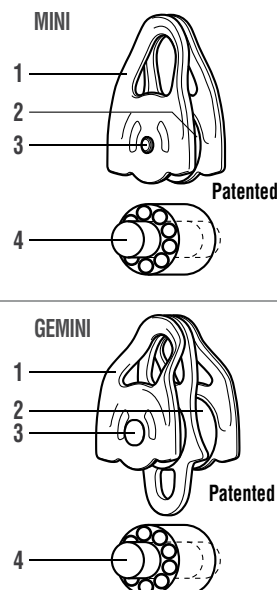
h. Control or name of inspector

i. Incrementation

d. Rope diameter

1. Field of application

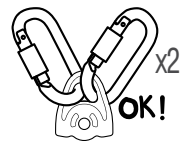
2. Nomenclature of parts



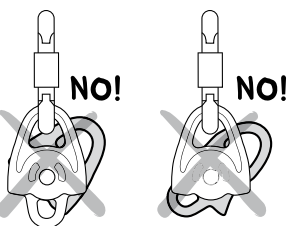
3. Inspection, points to verify

4. Compatibility

MINI / GEMINI



GEMINI

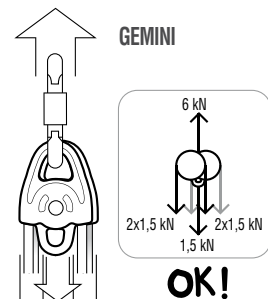
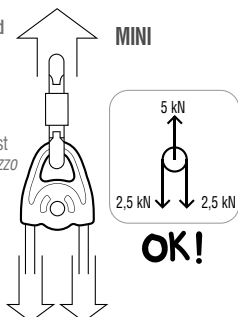


5. Values

5A.

Working load limit

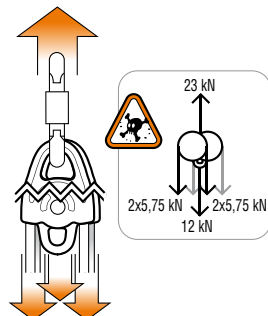
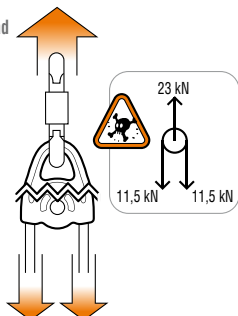
Valeur d'utilisation maxi
Maximale Gebrauchslast
Valore d'utilizzo massimo
Valor de utilización máximo



5B.

Breaking load

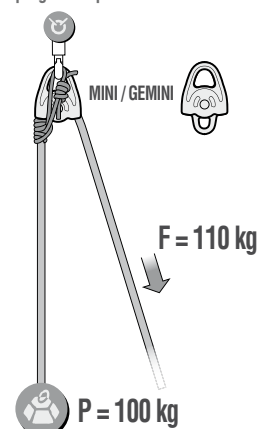
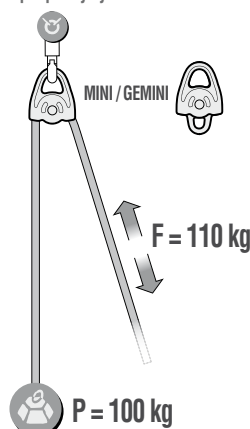
Charge de rupture
Bruchlast
Carico di rottura
Carga de rotura



6. Pulley system efficiency

6A. Simple pulley system

with progress capture



Theoretical force



$$F = P$$

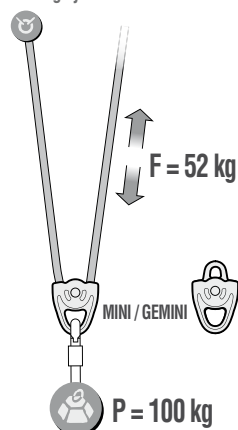


$$F = 1,1 P$$

$$F = 2 P$$

6. Pulley system efficiency

6B. 2:1 hauling system



Theoretical force



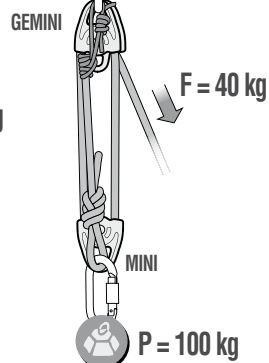
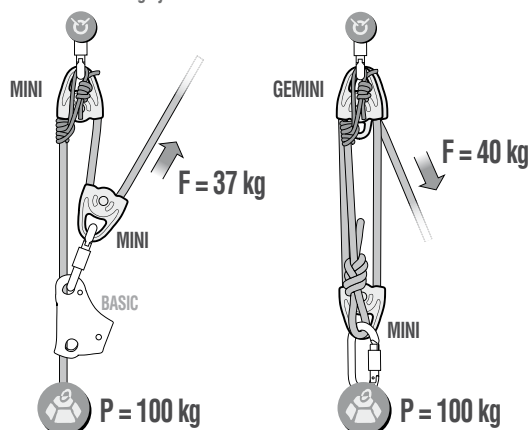
$$F = 0,5 P$$

$$F = 0,52 P$$



$$F = 0,66 P$$

6C. 3:1 hauling system



$$F = 0,33 P$$

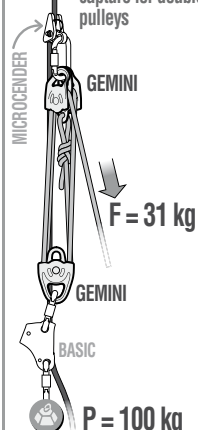
$$F = 0,37 P$$

$$F = 0,40 P$$

$$F = 0,57 P$$

$$F = 0,875 P$$

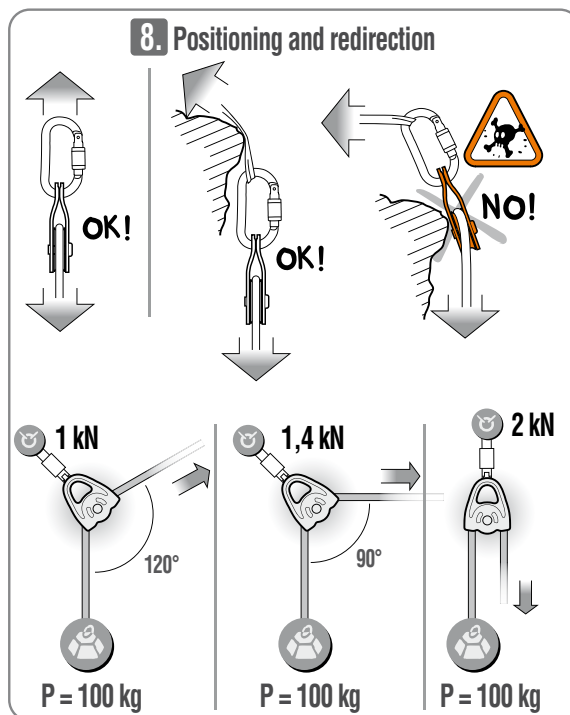
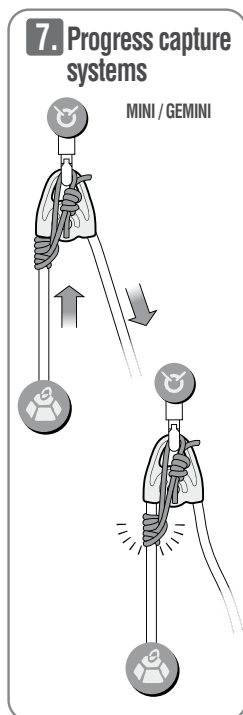
6D. 4:1 hauling system with progress capture for double pulleys



$$F = 0,25 P$$

$$F = 0,315 P$$

$$F = 0,937 P$$



(EN) Temperature (FR) Température (DE) Temperatur (IT) Temperatura (ES) Temperatura (PT) Temperatura (NL) Temperatuur (SE) Temperatur (FI) Lämpötila (NO) Temperatur	(RU) Температура (CZ) Teplota (PL) Temperatura (SI) Temperatura (HU) Hőmérséklet (BG) Температура (JP) 気温 (CN) 温度 (TH) อุณหภูมิ	(EN) Cleaning/Disinfection (FR) Nettoyage/Désinfection (DE) Reinigung/Desinfektion (IT) Pulizia/Disinfezione (ES) Limpieza/Desinfección (PT) Limpeza/Desinfecção (NL) Reiniging/Desinfectie (SE) Rengöring/Desinficering (FI) Puhdistus/Desinfiointi (NO) Rengjøring/Desinfisering (RU) Чистка/Дезинфекция	(CZ) Čištění/Desinfekce (PL) Czyszczenie/Dezynfekcja (SI) Čiščenje/razkuževanje (HU) Tisztítás (BG) Чистене/разкуžеване (JP) 手入れ方法/消毒 (KR) 消毒 (CN) 清洗/消毒 (TH) ทำความสะอาด/ฆ่าเชื้อ	(EN) Maintenance (FR) Entretien (DE) Wartung (IT) Manutenzione (ES) Mantenimiento (PT) Manutenção (NL) Onderhoud (SE) Underhåll (FI) Huolto/hoito (NO) Vedlikehold	(RU) Техническое обслуживание
(EN) Storage and transport (FR) Rangement et transport (DE) Lagerung und Transport (IT) Sistemazione e trasporto (ES) Almacenamiento y transporte (PT) Armazenamento e transporte (NL) Opbergen en vervoeren (FI) Säilytys ja kuljetus (NO) Lagring og transport (RU) Хранение и транспортировка (CZ) Skladování a doprava	(PL) Pakowanie i transport (SI) Shranjevanje in transport (HU) Tárolás, szállítás (BG) Транспорт и съхранение (JP) 持ち運びと保管方法 (KR) 보관과 운송 (CN) 运输及储存 (TH) การขนส่งและกการเก็บรักษา	(EN) Drying (FR) Séchage (DE) Trocknen (IT) Asciugamento (ES) Secado (PT) Secagem (NL) Het drogen	(SE) Torkning (FI) Kuivaus (NO) Torking (RU) Сушка (CZ) Sušení (PL) Suszenie (SI) Sušenje	(EN) Dangerous products (FR) Produits dangereux (DE) Gefährliche Produkte (IT) Prodotti pericolosi (ES) Productos peligrosos (PT) produtos perigosos (NL) Gevaarlijke producten (SE) Farliga produkter (FI) Vaaralliset tuotteet (NO) Farlige produkter (RU) Опасная продукция	(CZ) Nebezpečné výrobky (PL) Produkty niebezpieczne (SI) Nevarne kemikalije (HU) Veszélyes termékek (BG) Опасни продукти (JP) 有害物質 (KR) 危險產品 (CN) 危险产品 (TH) วัตถุอันตราย

Legends

	(EN) Anchor (FR) Amarrage (DE) Anschlagpunkt (IT) Ancoraggio (ES) Anclaje (PT) Amarração (NL) Verankering	(SE) Förankring (FI) Ankkuri (NO) Forankring (RU) Точка страховки (CZ) Ukotvení (PL) Punkt stanowiskowy	(SI) Sidrišče (HU) Fix pont (BG) Закрепване (JP) 支点 (KR) 확보점 (CN) 确定点 (TH) สมอ
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