

Yale

ATEX 



ATEX

General information on explosion protection.

Some products from our standard range have been modified for use in potentially explosive atmospheres (areas).

The products of this field have been approved by the TÜV Rheinland and DEKRA EXAM.

The corresponding documentation is deposited by the notified bodies.

INFO

Apart from electric explosion protection regulation, there are standards on mechanical explosion proof.

Please consider these standards!

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Hand pallet truck, stainless steel version model HU 20-115 VATP ATEX PROLINE

Capacity 2000kg

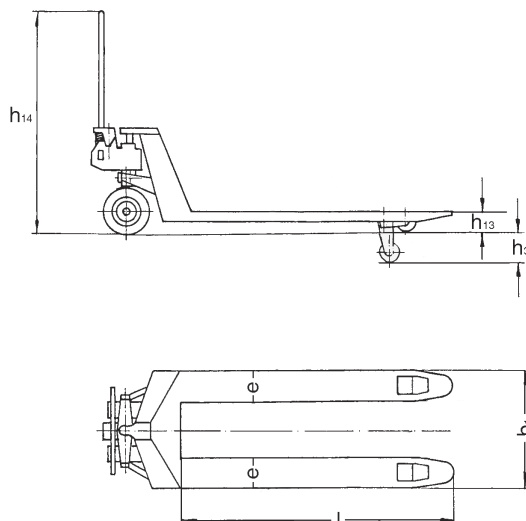
The hand pallet truck is designed for the use in explosive environments (zone 1 and 2).

Features

- Ergonomic safety control handle for one-hand operation of lifting, driving and lowering.
- Low maintenance high performance hydraulic pump with hard chromium plated piston and pressure relief valve. Hydraulic unit made of V4A-316 stainless steel.
- Frame, adjustable connecting rods, bolts and the torsion tube are made of high quality V4A-316 stainless steel.
- Steering angle of 105 degree to each side for easy handling in confined spaces.
- Conductive steering rollers (antistatic).

INFO

Before the use in explosive environments the operator has to create an explosion protection document acc. to the machinery directive 1999/92/EG!



Technical data

HU 20-115 VATP ATEX PL HIGH II 2 GD c IIC T6

Model	HU 20-115 VATP ATEX
Art.-No.	040054147
Capacity, kg	2000
Weight, kg	86
Tyre type ¹	PA/VG
Steering rollers, mm	200x50
Load rollers, mm	82x70
Stroke h3, mm	115
Height of control handle h14, mm	1200
Fork height lowered h13, mm	85
Fork width e, mm	160
Fork length l, mm	1150
Outside dimension of forks b1, mm	540

¹PA... Polyamide, VG... Solid rub-

Steerman® Heavy load moving system model SX ATEX

Capacity 10 - 30t

These universal heavy load moving systems have been designed for the safe and cost saving transport of loads. Transport of heavy loads (e.g. machines, construction parts, steel structures) is normally made with a stable three point loading system. Transport of extremely bulky or heavy loads with an unfavourable center of balance, may also be executed with a four point loading system.

The robust towing bar in connection with the unique turntable on large diameter thrust bearings allows effortless steering of the load. The rear skates are aligned parallel by means of a tie rod and kept in position, thus ensuring time saving and smooth transportation of the load.

The skates are powder coated and all connecting elements corrosion-resistant. Highest safety requirements have been considered.

Features

- The modular design ensures an extremely simple operation and simultaneously offers a wider range of combinations.
- The construction of the load moving systems is extremely robust and resistant to distortion.
- The skates are smooth-running and provide an incredibly low rolling resistance even with the heaviest loads.

- Twin rollers (instead of one wide roller) ensure low rolling resistance even at a narrow curve radius.
- The universal joint suspension of the roller groups contributes to a positive contact when travelling over uneven floors.
- Conductive load wheels (antistatic).
- Each individual roller is made from high tensile material which ensures extremely quiet running.
- The rollers are suitable for all in-plant floors and will not damage normal floor covering.
- The load moving systems can be easily dismantled and facilitate transport even in small trucks.
- The load moving systems have been developed for professional applications and are practically maintenance-free.
- All rollers are provided with two encapsulated, lifetime lubricated ball bearings.
- The front steering skate is equipped with an amply dimensioned axial ball bearing underneath the turntable.
- The front and rear skates are available individually.



Model SX-20 ATEX

Technical data model SX ATEX II 2 GD c IIB T4

Model	EAN-No. 4053981**	Capacity t	Overall height mm	Number of rollers	Roller diameter mm	Colour of rollers	Weight kg
SX-10 ATEX	**534107	10	102	16	82	black	54
SX-20 ATEX	**814063	20	102	32	82	black	76
SX-30 ATEX	**325163	30	110	48	82	black	136