IMPARTE
EQUIPAMENTOS DE SEGURANÇA

# Technical Data Sheet

**Designation** **FIXED FOAM HOSE REEL DN33, K64, WITH 100 L STAINLESS STEEL TANK, 30M**

**Brand** **IMPARTE/IMPARFOAM/ROT** **Ref. No.** **CRT HELI**

## General Description

The Imparte foam hose reel is a device intended for high fire-risk applications.
It is recommended whenever the design specifies foam as the extinguishing agent.
The foam hose reel assembly consists of a 100-litre stainless steel tank mounted on a galvanised tube metal frame with a painted finish. The hose reel is recessed into the frame so that the hose can be fully extended without great effort. The axial feed of the hose reel allows the equipment to be used immediately, ensuring connection to the water network and the consequent mixing, by suction, of the foam concentrate, which is then projected through the foam nozzle. Designed for continuous operation, the foam tank can be refilled while the unit is operating.
Typical areas of application: *industrial facilities; *refineries and petrochemical plants; *fuel and flammable liquid stores; *heliports and airfields; *covered car parks; *power stations and substations; *logistics warehouses and distribution platforms; *tunnels or confined areas with a risk of flammable spills.
The Imparte foam hose reel stands out for its robustness, reliability and consistent performance, offering a safe and effective solution for environments where there is no margin for failure.

## Features

- Hose reel consisting of two steel discs with oven-cured polyester epoxy resin coating;
- Tube and sheet made of 304L stainless steel with electrolytic polishing for the stainless steel reel;
- Swivel joint with axial feed from the mains, through the mounting bracket;
- Brass ball valve;
- DN33 semi-rigid fire hose, 30 metres, NF EN694 standard;
- ‘Scotty’ 50 GPM foam branch pipe;
- ‘Scotty’ foam inductor with 30 GAL/min flow, fixed dosing 3%– 6% ;
- AISI304 stainless steel tank holding 100 litres of foam concentrate;
- Anti-vacuum protection device for the foam tank;
- Reinforced PVC hose with stainless steel braid, 1½” MxF, 300mm.

## Standards, certificates, marking and documentation

- Certificate no. 0333-CPR-021004 2006;
- Complies with EN 671-1, certification RC/02/003;
- Complies with Construction Products Regulation (EU) no. 305/2011;

## How to order

- Ref. CRT HELI_foam hose reel DN33, K64, 30m.



The illustrative images show the product(s) presented; however, they may differ slightly from the final product(s).



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## Optional and/or additional

- Other foam nozzles on request;
- Cabinet in 304 or 316 stainless steel;
- Painted in another RAL colour, provided it is approved in the project/by site supervision;
- Photoluminescent signage in accordance with 92/58/EEC;
- Foam concentrate not included, available on request;
- Assembly/connection accessories not included.

## Equipment Details









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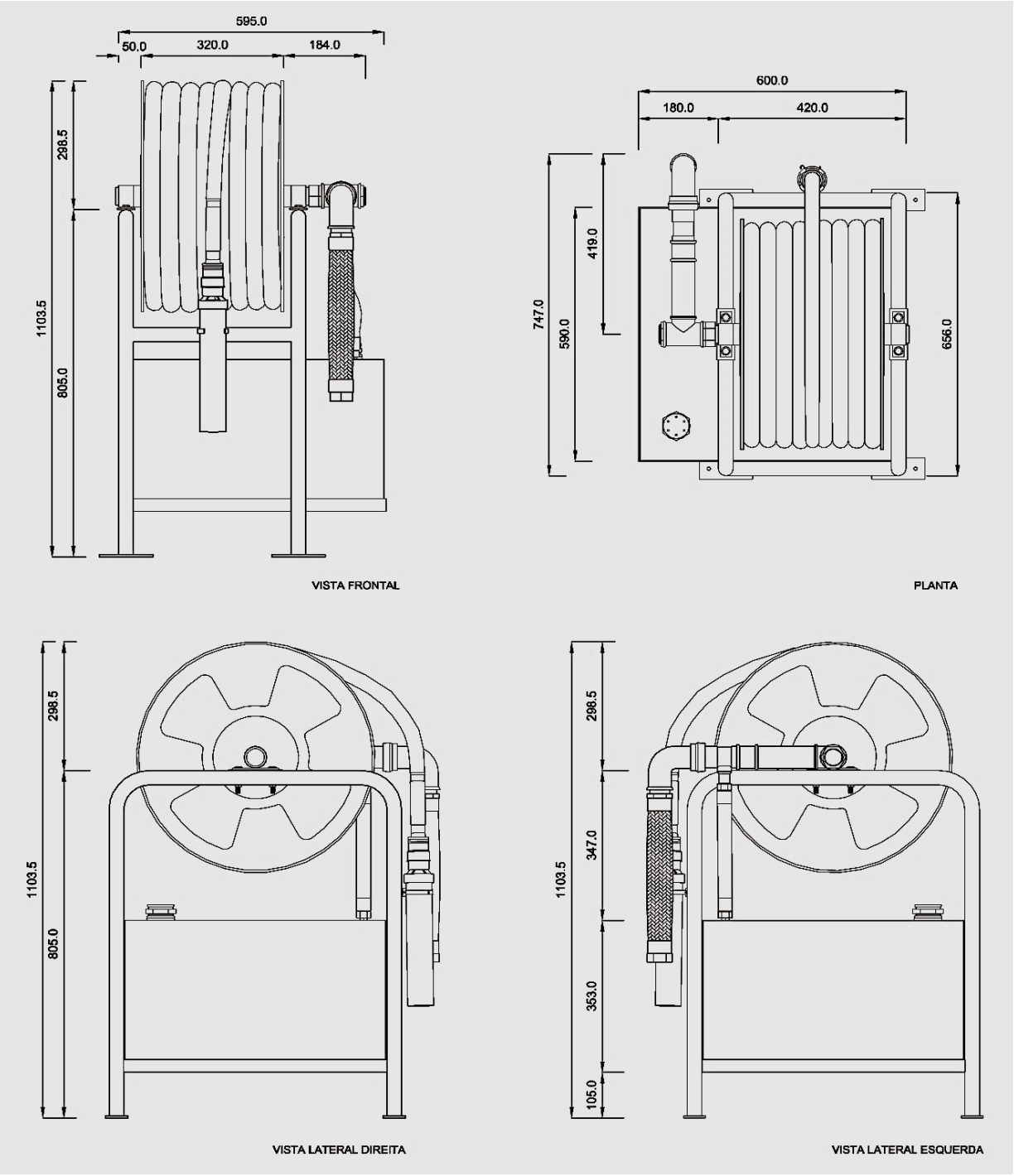
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## Technical Drawing






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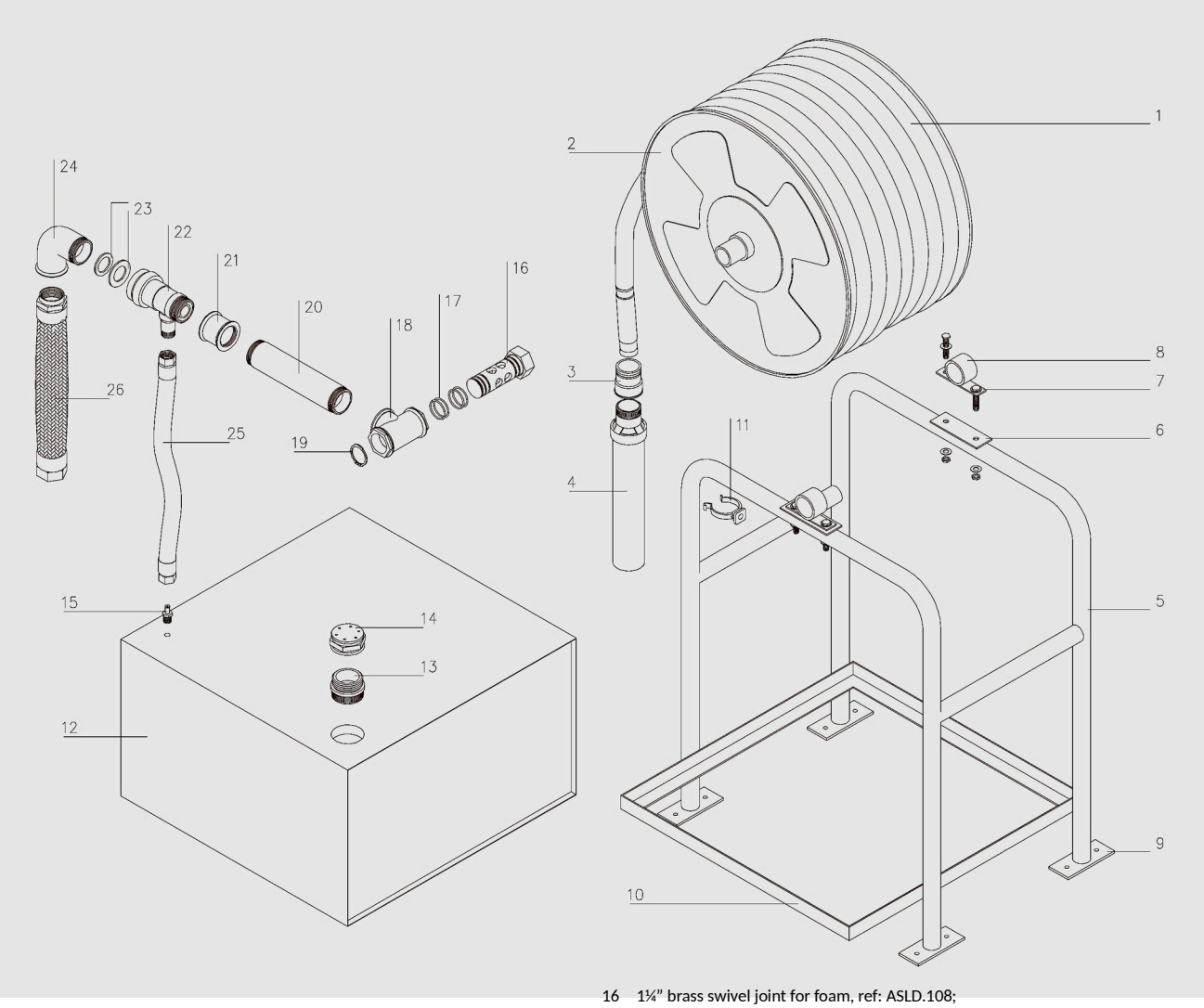
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## Technical Drawing




Key:

1 1.2mm thick steel sheet, red (RAL 3001), 570mm diameter;
2 1" (25 mm) semi-rigid hose, black, in accordance with EN694:2001
3 Brass connecting coupling;
4 Foam branch pipe compatible with the inductor, model 50 Gal/min., Scotty brand;
5 Metal frame in ⌀30mm galvanised tube with painted finish (a);
6 120x40mm bar welded to the frame with painted finish (a);
7 105x25mm bar with painted finish (a), bolted to the tubular frame;
8 ⌀50mm tube supporting the hose reel rotation, welded to the metal bar with painted finish (a);
9 120x50x5mm bar welded to the frame with painted finish (a);
10 Tank base in 30x30x3mm metal angle, with painted finish (a);
11 ⌀50mm polypropylene branch-pipe holder, bolted to the frame;
12 AISI304 stainless steel tank holding 100 litres of foam concentrate;
13 Fire-service bushing, ≅ ⌀60mm, in brass;
14 Anti-vacuum protection device for the foam tank, with air intake filter;
15 Foam concentrate hose tail;
16 1¼" brass swivel joint for foam, ref: ASLD.108;
17 O-ring for sealing;
18 1½" galvanised tee;
19 ⍰35mm brake;
20 1½" galvanised tube with painted finish (a);
21 1½" FxF galvanised tube union;
22 In-line inductor, model 30 Gal/min., fixed dosing at 3% or 6%, Scotty brand;
23 Foam inductor seals;
24 1½ MxF galvanised tube elbow;
25 Semi-rigid/rigid tube connecting the tank to the inductor;
26 Reinforced PVC hose with stainless steel braid, 1½" MxF, 300mm;
(a) Thermosetting epoxy-polyester electrostatic powder coating cured in an oven at 190°, red RAL 3000

As an innovative company, IMPARTE S.A. reserves the right to change product specifications, models and standard equipment without prior notice and without incurring any obligation.
For more information visit www.imparte.pt or contact our sales department.

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