

The INNOVA standard A category buffer (code IST-01.00.00), developed by INNOVA Systems & Technologies and manufactured by AZOMA, provides a storage capacity of mechanical work of min. 30 kJ, in dynamic regime.

INNOVA's A category buffer is fully compliant with all conditions set forward for A category buffers, as per UIC leaflets 526-1 ed. 3/2008, 573 ed. 7/2007, and EN15551:2009.

The buffer is executed in a welded construction, with a removable plate.

Its standard variant includes a plate of steel type S355J2+N EN10025-2:2004, 450 mm in length. Upon request, the following extras are available:

- additional manganese steel wearing plate;
- extra long buffer plate, 550 mm.

The INNOVA A category buffers min. 30 kJ are typically equipped with A cat. thermoplastic shock absorbers (i.e. MINER Tecspak), or butyl shock absorbers (i.e. Spencer Moulton).

Upon beneficiary's request, we can accommodate any other type of shock absorber within the buffer, providing its maximum pre-compressed length does not exceed 560 mm, and its diameter does not exceed 197 mm.

Drawing 1 illustrates an INNOVA standard A category buffer.

