



Professor Dan Dubina

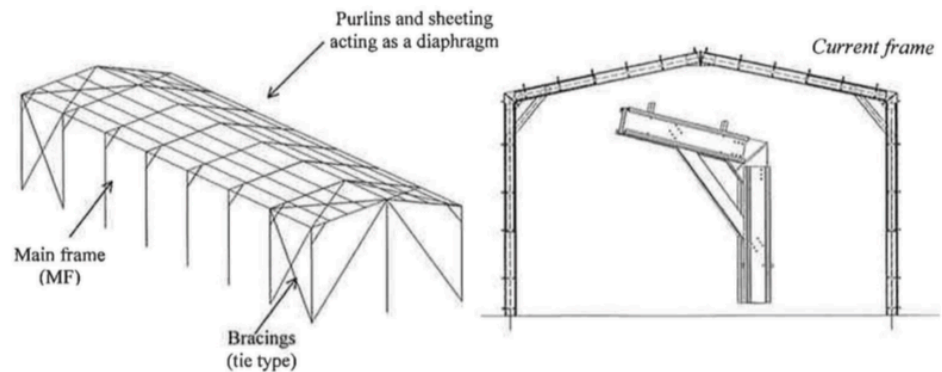


Figure 4: General dimensions of a pitched roof portal frame industrial building

From: D. Dubina, V. Ungureanu, L. Fulop, Zs. Nagy and H. Larsson, "Lindab cold-formed steel structures for small and medium size non-residential buildings in seismic zones", (publisher/date not given in the pdf file; most recent citation is dated 2000; 2001?)

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Biography and Research Interests:

Distinguished personality in the steel construction field, Dr. Dan DUBINA is a Professor at Technical University of Timisoara, Romania. Currently, he is the head of Steel Construction Dept. at The Civil Engineering Faculty, Director of The Excellence Center CEMSIG and a member of the Romanian Academy. His research interests are steel construction regarding seismic actions, thin wall steel profile construction, structural stability, structural safety.

Selected Publications:

- Dubina, D., Davies, J. M., Jiang, C., Ungureanu (1996), V., Recent interactive buckling approaches for cold-formed thin-walled members, In: Rondal, J., Dubina, D., Gioncu, V. (Eds.), *Coupled Instabilities in Metal Structures – CIMS 96*, London: Imperial College Press, pp. 173-180.
- Dubina, D., Goina, D., Georgescu, M., Ungureanu, V., Zaharia, R. (1998), Recent research on stability analysis of thin-walled cold-formed steel members, *Journal of Constructional Steel Research*, V. 46, N. 1-3, Paper n. 103.
- Dubina D., Fulop L., Ungureanu V, Nagy Zs. (1999), Cold-formed steel structural solutions for residential and non-residential buildings, XVII Congresso C.T.A., Napoli 3-4-5-6-7, ottobre 1999, vol. 3,31-46.
- Dinar Camotim, Dan Dubina and Jacques Rondal (editors), *Proceedings of the Third International Conference on Coupled Instabilities in Metal Structures (CIMS 2000)*, Imperial College Press, 2000
- D. Dubina, V. Ungureanu, L. Fulop, Zs. Nagy and H. Larsson, "Lindab cold-formed steel structures for small and medium size non-residential buildings in seismic zones", (publisher/date not given in the pdf file; most recent citation is dated 2000, probably published in 2001)
- Dubina D., Fulop L., Ungureanu V., Nagy Zs. (2000), Cold-Formed Steel Structures For Single Storey Buildings, International Conference on Steel Structures of the 2000's, September 11-13, 2000, Istanbul, Turkey, 191-196.

Dubina D., Fulop L., Ungureanu V., Szabo, I. and Nagy Zs. (2000), Cold-formed steel structures for residential and non-residential buildings. The 9th International Conference on Metal Structures - ICMS '2000, Tirnisoara, Romania, October 19-22, 2000, 308-317.

Dubina, D.; Ungureanu V. (2002), Effect of imperfections on numerical simulation of instability behaviour of cold-formed steel members, In: Thin-Walled Structures 40(3), pp. 239-262

Ungureanu V, Kotelko M, Mania RJ, Dubina D (2010) Plastic mechanisms database for thin-walled cold-formed steel members in compression and bending. Thin-Walled Struct 48(10–11):818–826

M. Kotelko, V. Ungreanu, D. Dubina, M. Macdonald, Plastic strength of thin-walled plated members - alternative solutions review. Thin-Walled Structures, v.49, Nr 5(May), Elsevier 2011, pp. 636-644.

Dan Dubina & Viorel Ungureanu (Editors) Special Issue of Thin-Walled Structures, Vol. 61, pp 1-266, December 2012

Andrei Crisan, Viorel Ungureanu, Dan Dubina, “Behaviour of cold-formed steel perforated sections in compression, Part 1 – Experimental investigations”, Thin-Walled Structures, 61, 2012

Crisan A, Ungureanu V, Dubina D., Behaviour of cold-formed steel perforated sections in compression: Part 2- numerical investigations and design considerations. Thin-Walled Structures 61, 97-105, 2012