

## DAFTAR PUSTAKA

- [1] S. Kalpakjian and S. R. Schmid, “*Manufacturing Engineering and Technology*”, 7th ed. Pearson, 2014.
- [2] M. P. Groover, “*Fundamentals of Modern Manufacturing: Materials, Processes, and Systems*”, 6th ed. Wiley, 2019.
- [3] Suhartinah, M. Hidayat, and A. Winata, “Rancang Bangun *Jig Rotary Table* Menggunakan Motor Servo HG-KR43B pada Mesin *Spot Welding*,” 2018.
- [4] S. P. Purbaningrum, et al., “Implementasi *Jig Welding* untuk Meningkatkan Efisiensi Pengelasan *Frame Base*,” 2024.
- [5] W. K. Pangadhuh, et al., “Rancang Bangun *Jig* dan Meja sebagai Alat Bantu Proses *Spot Welding* Presisi pada Material Pelat Strip,” 2023.
- [6] H. D. S. Budiono and F. Hartanto, “Perancangan dan Pembuatan Prototipe *Jig* untuk Proses Pembuatan Sepeda Lipat,” 2010.
- [7] A. I. E. Simanjuntak and N. Sinaga, “Perancangan *Jig dan Fixture* Pengelasan untuk Mengurangi Distorsi pada Material Stainless Steel 304,” 2021.
- [8] Y.-R. Wang, Y.-H. Kang, C.-K. Hung, dan C.-M. Hsu, “*Analysis of Jig Application to Inhibit Welding Deformation on SUS304 Steel Plates for Gas Metal Arc Welding (GMAW)*,” Proceedings of the IEEE International Conference on Applied System Innovation (ICASI), pp. 1634–1637, 2017.
- [9] Carli, E. Saputra, and Daryadi, “Aplikasi *Jig* pada Proses Pembuatan *Hook* untuk Meningkatkan Efisiensi Waktu Pengelasan Menggunakan *Rotary Welding*,” 2022.
- [10] M. Siska and A. Gunawan, “Perancangan Alat Bantu Las Listrik untuk Mengurangi Keluhan *Musculoskeletal Disorder* Menggunakan Metode *LUBA*,” 2019.
- [11] A. U. Arum, et al., “Perancangan Alat Bantu *Welding* Lengan Meja dan Pipa Bawah untuk Meningkatkan Akurasi Pengelasan,” 2022.
- [12] T. Aprianto, “Perancangan Meja Pengelasan Ergonomis untuk Meningkatkan Kenyamanan dan Produktivitas Pekerja,” 2022.



- [13] N. Sibanda, et al., “*Optimization of Clamping Force in Jig Design*,” *International Journal of Manufacturing Engineering*, vol. 34, no. 2, pp. 101–110, 2023.
- [14] American Welding Society (AWS), “*Welding Handbook*”, 2020.
- [15] R. J. Sowers, “*Welding Principles and Practices*”. Hoboken, NJ, USA: John Wiley & Sons, 2017.
- [16] Japanese Industrial Standards (JIS), “*JIS G4051: Carbon steels for machine structural use*”, Japanese Standards Association, 2005.
- [17] S. P. Purbaningrum, A. Nugroho, dan M. Cahyadi, “Implementasi *Jig Welding* untuk Meningkatkan Efisiensi Produksi di Industri Manufaktur,” *Jurnal Teknik Mesin Indonesia*, vol. 39, no. 1, pp. 22–30, 2024.
- [18] Smith, “*Clamping Technology in Manufacturing*”, 2018.
- [19] Jones and Lee, “*Mechanical Fixture Design in Manufacturing*”, 2020.
- [20] M. I. Mustajib and Suryanto, “Model Simultan Penentuan Toleransi Komponen Produk Rakitan,” *J. Teknik Industri*, vol. 12, no. 2, pp. 109–118, 2010.
- [21] A. Weckenmann, T. Estler, G. Peggs, and D. McMurtry, “*Probing systems in dimensional metrology*”, *CIRP Annals*, vol. 53, no. 2, pp. 657–684, 2004.
- [22] W. Gao, “*Recent Progresses in Nanometrology and Precision Engineering*”, *CIRP Annals*, vol. 67, no. 2, pp. 615–638, 2018.
- [23] J. E. Shigley and C. R. Mischke, “*Mechanical Engineering Design*”, 10th ed. New York, NY, USA: McGraw-Hill, 2015.
- [24] M. J. Simmonds, “*Operating Theatre Techniques*”, 4th ed., London: Butterworths, 2019.
- [25] K. N. Rao, “*Manufacturing Technology: Metal Cutting and Machine Tools*”, New Delhi: Tata McGraw-Hill, 2019.
- [26] ISO 2768-1 dan ISO 2768-2, “*General tolerances for linear/angular dimensions and geometrical features*”. International Organization for Standardization, 1989.
- [27] H. Zhang, M. Tan, and Y. Li, “*Datum-based positioning accuracy improvement for welding jigs in precision assembly*”, *International Journal of Advanced Manufacturing Technology*, vol. 112, no. 7–8, pp. 2113–2124, 2021.