

Stool Cum Chair

India weaving industry has conventionally been one of the most promising sectors of huge employment. In fact, after agriculture, this industry is largest provider of work force. The abundance in the raw materials, the continuous supply of cheap work force is the contributing factors behind the success of the weaving industry of India. However, the liberalization of the international trade coupled with change in the reforms of domestic economy, have made affected the weaving industry of India negatively. As per studies, it has been found out that the weaving industry of India provides employment to approximately 12.5 million people, thereby, making this industry the largest provider of rural work force.

The manufacturing of the weaving products makes a remarkable contribution to the national GDP and even in the export revenue. In the weaving industry, the weavers do the main job of weaving apart from the pre and post weaving operations. Weaving is one of the most tedious profession requiring long hours of static work which lead to risk for musculoskeletal disorders (MSDS). Fixed and constrained postures that frequently result from awkward, uncomfortable posture, repetitive and forceful hand movements at high pace of work gradually lead “wear and tear” on the muscle and tendons in the forearms, wrist, and also affect the back and neck. To found out the ways and means to reduce the occupational risk factors involve in small scale weaving industry, the present study was taken up to elicit the role of physical and psychological work demands as risk factors leading to MSD’S in workers involved in weaving industry.

Advantages:

1. Improves the work posture through improved stool cum chair.
2. Avoids pain due to working in ill posture for long hours that reduces pain in calf muscles and lumbar back muscles.
3. It makes the working comfortable for long hours.
4. It ensure:
 - ✓ The correct body *posture*,
 - ✓ *Reduces MSD caused due to faulty posture*
 - ✓ Reduces stress and strain on back muscles hence productivity and efficiency of the workers can be increased.
 - ✓ Improved stool cum chair is improved with cushioned seat and back rest which supports the lumber region thus help in reducing the MSD’s.
 - ✓ Increases the efficiency of the worker which intern enhances productivity.