## **Operational characteristics**

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## **Product characteristics**

- 2. Operational aspects (ergonomic considerations):
- Easy to operate and Easy to handle.
- Subjected to varying degrees of skill of potential operators, and adaptable to various operational conditions.
- The problem of designer becomes all the more critical.



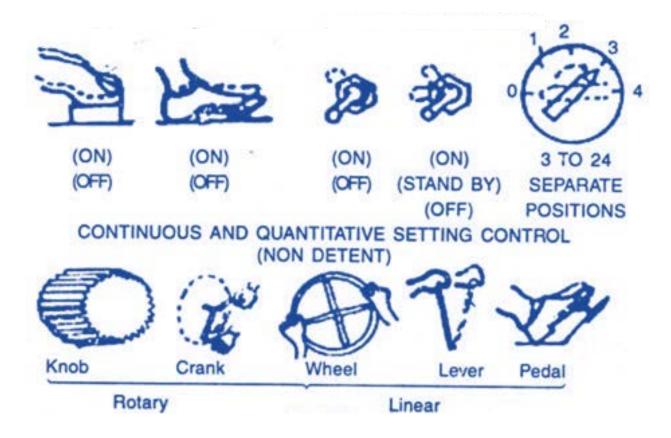
Manikin2 - Biomechanics Single Action Analys	. 7 X
Summary   L4-L5 Spine Limit   Joint Mo	
Analysis	Value ^
L4-L5 Moment [kg]	-13
L4-L5 Compression [N_m2] Body Load Compression [N_m2]	2200
Axiel Twist Compression [N_m2]	9 101 55
Flex/Ext Compression [N_m2]	55
L4-L5 Joint Shear [N_m7]	15 Posterior
Abdominal Force [N,m2]	0
Abdominal Presture [1]	0
e	
Ispot_	
	Close

Paddy Thrashing agricultural implement study for ergonomics on Rapid Upper Limb Assessment (RULA) software

Source: Khayer SM, Patel T, Dewangan KN. Ergonomic design improvement of Pedal Thresher: an approach combining digital human modelling and response surface analysis. J. Ergon. S. 2017;6(2)

## **Product characteristics**

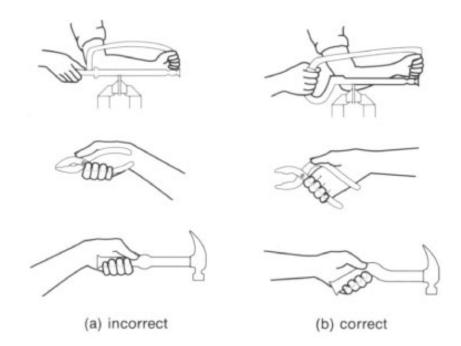
2. Operational aspects (ergonomic considerations):



Source: http://www.yourarticlelibrary.com/ergonomics/factor-affecting-the-selection-of-a-control-device-and-types-of-controls/34641

## **Product characteristics**

2. Operational aspects (ergonomic considerations):



Source: http://www.scielo.org.za/scielo.php?script=sci\_arttext&pid=S2224-78902012000200019