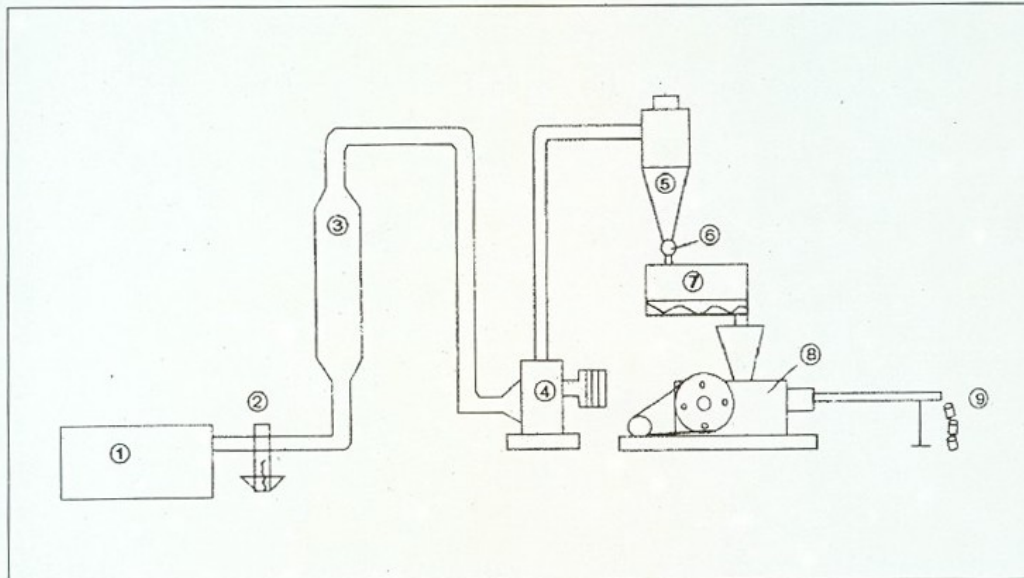


**PLANTS FOR CONVERSION OF
ANY TYPE OF AGRO/FOREST WASTE
INTO FUEL BRIQUETTS**



1. HOT AIR GENERATOR, 2. CONVEYOR
3. DRYING TUBE, 4. FAN, 5. CYCLONE
6. AIR LOCK, 7. STORE, 8. BRIQUETTING PRESS
9. BRIQUETTER



CALORIFIC VALUES OF BRIQUETTES FROM VARIOUS RAW MATERIALS FOR FUEL

(1 kCal = 3.96 BTU)

| Type of Material | Ash (%) | Heat of Combustion Kcal |
|-----------------------|---------|-------------------------|
| Peat | 29.0 | 3180 |
| Charcoal | 4.5 | 7213 |
| Bagasse | 1.80 | 4380 |
| Coir Pitch | 9.10 | 4146 |
| Sugarcane | 10.00 | 3996 |
| Jute Waste | 3.00 | 4428 |
| Palm Husk | 4.90 | 3900 |
| Tea Waste | 3.80 | 4237 |
| Barks Wood | 4.40 | 1270 |
| Wood Chips | 1.20 | 4785 |
| Paddy Straw | 15.50 | 3469 |
| Wheat Straw | 8.00 | 4100 |
| Mustard Stalk | 3.40 | 4200 |
| Mustard Shell | 3.70 | 4300 |
| Bamboo Dust | 8.00 | 4160 |
| Forestry Waste | 7.00 | 3000 |
| Babool [Wood] | 0.90 | 4707 |
| Tobacco Waste | 31.50 | 2910 |
| Sunflower Stalk | 4.30 | 4300 |
| Soya bean Husk | 4.10 | 4170 |
| Groundnut shells | 2.4 | 4626 |
| Briquettes of bark | 3.4 | 4487 |
| Coffee waste No. 1 | 2.0 | 4371 |
| Coffee waste No. 2 | 5.0 | 4434 |
| Coffee waste No. 3 | 1.7 | 4438 |
| Briquettes of chips | 3.0 | 4800 |
| Briquettes of paper | 1.5 | 4841 |
| Castor Seed Shells | 8.00 | 3862 |
| Saw Dust Briquettes | 8.20 | 3898 |
| Cotton Stalks / Chips | 3.00 | 4252 |

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